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New "GOLD COIN" Series
DOUBLOON Illustrated
SOVEREIGN and DOUBLE EAGLE
Illustrated on Page 27

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BEAUTIFYING AMERICA SINCE 1876

SPRING 1964

Vaughan's WHOLESALE LIST

5300 KATRINE AVE., DOWNERS GROVE, ILL. 60515
Telephone 969-6300 AREA 312

88th ANNIVERSARY

grow with Instant Glamour

Instant Glamour is Vaughan's name for a program that offers bedding plant growers a surer route to profits. Each year Vaughan's research selects the 35 flowers and 5 vegetables considered best in quality, popularity and sales potential.

The slogan "Instant Glamour for Your Garden" is a good indication of what bedding plants grown from Instant Glamour varieties mean to a retail customer. Pictures show some of the uses homeowners put bedding plants to.

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GET THAT EXTRA SALES PUNCH!

Sure, you can sell ordinary varieties of bedding plants but why not make *your* sales surer, your volume higher and your turnover faster with the research-proven favorites in the Instant Glamour program?

You'll find many time tested varieties plus many new ones including new Celosia Fireglow, Petunia Capri and Star Trophy, Salvia Evening Glow, Snapdragon Floral Carpet . . . but look through the pages yourself, see the beautiful full color pictures and see the exciting new Instant Glamour Plastic Plant tag offer!

Litho in U.S.A.

Achillea

PERENNIAL Seeds, see below 68° 1-2 weeks

Ptarmica Fl. Pl. The Pearl. (175,000 seeds per oz.). Abundant small white flowers, for cutting, 30 in.

Filipendula Parker's Variety. (220,000 seeds per oz.) 2 ft. Large heads of golden yellow flowers on long stems. Coming into flower in July blooms continuously until frost. Excellent for cutting.

Each of the above 2: 1/16 oz., **40c;** 1/8 oz., **75c;** 1/4 oz., **$1.35;** 1/2 oz., **$2.40;** oz., **$4.00.**

Aconitum

PERENNIAL 10,000 seeds oz.

Expose to freezing temperatures for best germination results.

Napellus. (Monk's Hood). Dark blue. 36 in. 1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.20;** 1/2 oz., **$2.15;** oz., **$3.60.**

Acroclinium

ANNUAL 9,000 seeds oz. 68-86° 2-3 weeks

Double Giant Mixture. Excellent fresh cut flower. When used for winter bouquets, cut when buds begin to open. 20 in. 1/8 oz., **35c;** 1/4 oz., **60c;** 1/2 oz., **$1.10;** oz., **$1.80;** 4 oz., **$5.25.**

AGERATUM BLUE MINK
A Popular Blue for Bedding, Border and Pots

Aloe

ANNUAL 6,500 seeds oz. 65-75° 3-4 weeks

Variegata or "Partridge Breast Aloe", the finest and most favored quick growing succulent with beautifully variegated leaves. Seedlings of 9 to 12 months of age, potted up in Tom Thumb pots, are salable in unlimited quantity. 100 seeds, **$1.65;** 500 seeds, **$7.20;** 1,000 seeds, **$12.50.**

Amaranthus

ANNUAL 30,000 seeds oz. 68-86° 3-4 weeks

Prefer a dry sunny location in the outdoor garden. Water sparingly when once established.

Molten Fire. Fiery crimson and maroon.

★**Tricolor Splendens.** Very beautiful foliage. 3 ft.

Each of the above: 1/8 oz., **35c;** 1/4 oz., **50c;** 1/2 oz., **90c;** oz., **$1.50;** 4 oz., **$4.50;** lb., **$13.50.**

Anchusa

PERENNIAL Seeds, see below 68-86° 3-4 weeks

Italica Dropmore Variety. (1,100 seeds per oz.) Large, gentian-blue, excellent perennial for cutting, 6 ft. 1/8 oz., **40c;** 1/4 oz., **70c;** 1/2 oz., **$1.25;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Myosotidiflora. (10,500 seeds per oz.). × Exquisite blue forget-me-not flowers. April-May. 15 in. 1/32 oz., **45c;** 1/16 oz., **80c;** 1/8 oz., **$1.35;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$7.50;** 4 oz., **$22.50.**

Fast Selling Blue Ageratum for Pots

ANNUAL 210,000 seeds oz. 68-86° 3 weeks

Sow seed early to have good sized plants for spring. Plants from seed will vary some in habit.

Blue Ball Improved. Compact plants, 4-5 in. 1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.30;** 1/2 oz., **$2.35;** oz., **$4.00;** 4 oz., **$12.00.**

★**Blue Bedder.** 5-6 in. Uniform compact plants bearing clusters of lavender-blue flowers. The color is deeper than that of Blue Ball. 1/16 oz., **55c;** 1/8 oz., **95c;** 1/4 oz. **$1.65;** 1/2 oz., **$3.00;** oz., **$5.00;** 4 oz., **$15.00;** lb., **$45.00.**

Blue Cap. 6-8 in. Dwarf compact habit. True blue flowers. Very uniform. 1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.20;** 1/2 oz., **$2.15;** oz., **$3.60;** 4 oz., **$10.00.**

Instant Glamour

★**Blue Mink (Tetraploid).** Large powder-blue flowers freely produced on 12 inch plants. Compact, even habit. Ideal for pots as well as edging in the garden border. 1/16 oz., **70c;** 1/8 oz., **$1.25;** 1/4 oz., **$2.00;** 1/2 oz., **$3.60;** oz., **$6.00;** 4 oz., **$18.00.**

★**Fairy Pink.** Soft salmon rose. 1/16 oz., **60c;** 1/8 oz., **$1.00;** 1/4 oz., **$1.80;** 1/2 oz., **$3.25;** oz., **$6.20;** 4 oz., **$18.50.**

Imperial Dwarf White. 6 in. 1/16 oz., **50c;** 1/8 oz., **90c;** 1/4 oz., **$1.40;** 1/2 oz., **$2.50;** oz., **$4.40;** 4 oz., **$13.00.**

★**Midget Blue.** Clear blue flower, dense small leaved plant. Uniformly dwarf plants covered with bloom. 1/16 oz., **60c;** 1/8 oz., **$1.00;** 1/4 oz., **$1.80;** 1/2 oz., **$3.20;** oz., **$6.00;** 4 oz., **$18.00.**

Golden. (Lonas Inodora) 10 in. Clustered fluffy flowers of a rich yellow. Excellent for edgings. 1/32 oz., **50c;** 1/16 oz., **80c;** 1/8 oz., **$1.50;** 1/4 oz., **$2.75;** 1/2 oz., **$5.00;** oz., **$8.00.**

No more troublesome "over ordering" just to be sure you have enough. Vaughan's Wholesale Catalog and Seed Packet gives either the number of seeds or exact weight. You save time, labor and money just by knowing what you receive when you order by weight or "Trade Packet" showing number of seeds.

Our recommendations: in addition to INSTANT GLAMOUR, are marked ★. Items marked × are suited for rock gardens.

Alyssum

ANNUAL 60,000 seeds oz. 68° 2-3 weeks

A fragrant annual for combinations, bedding or edging. Does well in the poorest soil.

Instant Glamour

★**Vaughan's Carpet of Snow** (Snowcloth). Unsurpassed for uniformity of height and form. A neat compact edging plant, pure white flower. ¼ oz., **40c;** ½ oz., **70c;** oz., **$1.25;** 4 oz., **$3.50;** lb., **$12.00.**

Pink Heather (All America 1959). A soft lavender-pink that becomes a deeper pink with cool weather. Uniformly compact plant profusely covered with bloom from earliest Summer until late Fall.
⅛ oz., **50c;** ¼ oz., **90c;** ½ oz., **$1.60;** oz., **$2.40;** 4 oz., **$7.00.**

Rosie O'Day. (All America Silver Medal 1961). Coming into flower early, blooms retain their deep rose-pink color throughout the entire blooming season. The dwarf compact plants are 3-4 inches in height with a spread of 10 inches at maturity. We supply Originator's Seed Only.
1/16 oz., **85c;** ⅛ oz., **$1.35;** ¼ oz., **$2.50;** ½ oz., **$4.50;** oz., **$7.50;** 4 oz., **$25.00.**

Royal Carpet. Rich violet-purple flowers profusely borne on spreading compact plants. So dense is the bloom, little or no foliage is seen. ⅛ oz., **50c;** ¼ oz., **90c;** ½ oz., **$1.60;** oz., **$2.40;** 4 oz., **$7.00;** lb., **$21.00.**

Violet Queen. Bright violet flowers; dwarf plant. ¼ oz., **45c;** ½ oz., **80c;** oz., **$1.40;** 4 oz., **$4.20;** lb., **$16.00.**

PERENNIAL 30,000 seeds oz. 68-86° 3-4 weeks

Free flowering rock garden or border plants that have proven perfectly hardy under our conditions.

Saxatile Compactum (Gold Dust). Golden yellow, 12 in. Blooms in spring.
¼ oz., **40c;** ½ oz., **70c;** oz., **$1.20;** 4 oz., **$3.60;** lb., **$10.50.**

Silver Queen (Sulphureum Citrinum). Pale lemon-colored flowers. 1/16 oz., **40c;** ⅛ oz., **70c;** ¼ oz., **$1.20;** ½ oz., **$2.15;** oz., **$3.60;** 4 oz., **$10.80.**

Anemone

PERENNIAL 37,000 seeds oz. 68° 5-6 weeks

Slow and uneven of germination.

Pulsatilla. ×The Pasque Flower. Violet flowers, whole plant covered with silky hairs, needs a dry situation. April to June. 12 in. 1/16 oz., **50c;** ⅛ oz., **85c;** ¼ oz., **$1.50;** ½ oz., **$2.70;** oz., **$4.50;** 4 oz., **$16.00.**

ALYSSUM CARPET OF SNOW Borders a Foundation Planting of F-1 Red Ensign Petunias

Arabis

PERENNIAL 160,000 seeds oz. 68° 3-4 weeks

Alpina. White flowers in dense masses. 1 ft.
⅛ oz., **40c;** ¼ oz., **60c;** ½ oz., **$1.10;** oz., **$1.80;** 4 oz., **$5.50.**

Alpina Rosea. Pink, 1 ft. 1/16 oz., **45c;** ⅛ oz., **80c;** ¼ oz., **$1.35;** ½ oz., **$2.40;** oz., **$4.00;** 4 oz., **$12.00.**

Alpina Snowcap. Dense masses of glistening show-white flowers; dwarf compact plants. Flowers very early in Spring. 1/16 oz., **40c;** ⅛ oz., **70c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Aralia

ANNUAL 68° Slow and uneven to germinate.

Sieboldi. (New seed ready in March.)
100 seeds, **40c;** 500 seeds, **$1.85;** 1,000 seeds, **$3.30.**

Arctotis

ANNUAL 3,700 seeds oz. 68° 3-4 weeks

Large Flowering Hybrids. Flowers resemble those of Gerbera. Numerous beautiful colors. 2½ to 3 in. across in shades of apricot, bronze, brown, pink, red, scarlet and yellow besides pure white. 1 ft.
1/16 oz., **50c;** ⅛ oz., **90c;** ¼ oz., **$1.50;** ½ oz., **$2.70;** oz., **$4.50;** 4 oz., **$13.00.**

Aquilegia (Columbine)

PERENNIAL 17,500 seeds oz. 68-86° 3-4 weeks

The Columbine (Aquilegia) flower does not hold up well for shipping. However, it has definite cutflower value, particularly for the retail grower.

Coerulea Blue. Sky-blue with white corolla. Rocky Mt. Columbine. 1/16 oz., **45c;** ⅛ oz., **80c;** ¼ oz., **$1.25;** ½ oz., **$2.25;** oz., **$4.00;** 4 oz., **$12.00;** lb., **$36.00.**

Coerulea Mrs. Nicholls. Deep blue and bolder flower than Coerulea blue. 1/16 oz., **$1.00;** ⅛ oz., **$1.75;** ¼ oz., **$3.00;** ½ oz., **$5.40;** oz., **$9.00;** 4 oz., **$27.00.**

Rose Queen. Shades of rose with white corolla, 30 in. 1/16 oz., **55c;** ⅛ oz., **$1.00;** ¼ oz., **$1.35;** ½ oz., **$2.40;** oz., **$4.40;** 4 oz., **$13.25.**

Long-Spurred Blue Shades. 1/16 oz., **70c;** ⅛ oz., **$1.25;** ¼ oz., **$2.00;** ½ oz., **$3.60;** oz., **$6.00;** 4 oz., **$18.00.**

Celestial Blue. Large flowered, long spurs. Petals rich blue, corolla and spurs lighter blue. Introducer's Trade pkt., **75c.**

Chrysantha Silver Queen (Snow Queen). Long-spurred silver white, 2 ft. 1/16 oz., **45c;** ⅛ oz., **80c;** ¼ oz., **$1.20;** ½ oz., **$2.15;** oz., **$3.60;** 4 oz., **$10.75.**

Crimson Star. Long Spurs of rich crimson, the center is white tinged carmine, flowers 3 in. across on 2 ft. stems. Varies. 1/16 oz., **$1.00;** ⅛ oz., **$1.65;** ¼ oz., **$3.00;** ½ oz., **$5.40;** oz. **$9.00;** 4 oz., **$27.00.**

McKana Hybrids. Large flowers, long spurs and a rich beautiful color range make this an important addition to the perennial group for garden and cutting. Strong bushy plants with striking terminal flowers on long wiry stems above the lacy foliage. 3 ft. 1/16 oz., **$1.00;** ⅛ oz., **$1.75;** ¼ oz., **$3.00;** ½ oz., **$5.40;** oz., **$9.00;** 4 oz., **$27.00.**

Mrs. Scott Elliott's Strain. The blooms are of large size and the spurs very long. The color range through shades of lavender, mauve, blue, purple, white, cream, yellow, pink, red, etc. 1/16 oz., **45c;** ⅛ oz., **80c;** ¼ oz., **$1.35;** ½ oz., **$2.40;** oz., **$4.00;** 4 oz., **$12.00;** lb., **$36.00.**

Armeria

PERENNIAL 12,000 seeds oz. 68° 2-3 weeks

Formosa Large Hybrids. 2 ft. 1/16 oz., **50c;** ⅛ oz., **85c;** ¼ oz., **$1.50;** ½ oz., **$2.70;** oz., **$4.50;** 4 oz., **$13.00.**

Glory of Holland. Giant Pink. Clear, deep pink flowers. Extra fine for cutting. 1/32 oz., **70c;** 1/16 oz., **$1.25;** ⅛ oz., **$2.20;** ¼ oz., **$4.00;** ½ oz., **$7.20;** oz., **$12.00;** 4 oz., **$36.00.**

Asclepias

PERENNIAL 4,500 seeds oz. 86-68° 3-4 weeks

Tuberosa. (Butterfly Weed). Umbels of varying orange colored flowers. Lasts well when cut. 24 in.
1/16 oz., **50c;** ⅛ oz., **90c;** ¼ oz., **$1.50;** ½ oz., **$2.70;** oz., **$4.50;** 4 oz., **$13.50.**

Asters WILT-RESISTANT for Greenhouse and Outdoor Growing

ANNUAL 12,000 seeds oz. 68° 2-3 weeks

ASTER GIANT INCURVED MIXED

ASTER PINK LADY

Asters in the Greenhouse

The off-season production of Asters as a greenhouse crop is proving most profitable. While Asters can be flowered all year on a schedule similar to the one used for "Mums," it is as an early Spring and Summer cutflower they are at their best.

Requirements are simple: a night temperature of 50° and the use of additional lighting from the seedling stage until plants are 20 to 24 inches tall. We recommend the use of 60 watt bulbs with reflectors spaced 5 ft. apart (the lighting arrangement as you have it set up for Mums will do nicely). Additional lighting must be given from September 1st to May 1st, or until the first flowers show color, and from sunset to 10:30 P.M. At other times the natural light is sufficient.

The Giant Incurved Aster has proven most popular for this purpose, with heavy demand for the White, Rose Pink and Shell Pink. Use sterilized soil and space plants 8 x 8 inches.

A portion of Ohio State's recommended growing schedule follows and is readily adaptable where the suggested 50° night temperature is maintained.

We find this schedule works out satisfactorily in most areas. However, there is apt to be more variation from year to year than with Mums.

SOW SEEDS	POT	BENCH	APPROXIMATE FLOWERING DATE
December 20	January 10	March 1	May
February 1	February 20	April 1	June
March 15	April 1	May 15	July
April 20	May 10	June 15	August
May 20	June 10	July 15	September

Aster Giant Incurved

Large, full-double flowers on long stems. Highly resistant to wilt. Very fine bedding strain, exceptional as cut-flowers. Date of bloom refers to outdoor culture, Chicago Area.

Azure. Clear light blue, the smallest flower of all. Blooms August 20.

Phlox Pink. Medium large flowers of soft peachblossom pink Blooms September 1.

Pure White. Outstanding in our Cloth House Trials. Blooms August 25.

Purple Ball. The large incurved flowers are similar to the Rose Pink except for the bright purple color. Blooms August 20.

Rose Pink. Rich deep rose. Blooms August 25.

Scarlet Ball. A fine full-double flower in the popular Heart of France color. Flower slightly smaller than others in the group. A new color much needed in the Giant Incurved Asters.

Shell Pink. Soft shell pink, rarely shows centers under our conditions. Excellent flowered under lights. Blooms August.20.

Mixed. Our own **Formula Blend** in just the right color proportions.

Each of the above: 1/16 oz., **$1.00;** 1/8 oz., **$1.80;** 1/4 oz., **$3.00;** 1/2 oz., **$5.40;** oz., **$9.00.**

Dwarf Asters in Pots

These new pot plant Asters should be given additional light from seedling stage until plants are 20 to 24 inches tall. We recommend using lights from suset until 10:30 P.M. Use 60 watt bulbs with reflectors spaced 5 ft. apart, or use the lighting arrangement as set up for your Mum planting.

In keeping quality, both as a cutflower or pot plant, the Aster compares favorably with the Mum. Add to this a wide range of color, white to darkest red and deepest blue.

Sow seed in December and January for April and May flowering. Much in demand for Easter and Mother's Day.

Instant Glamour Aster Dwarf Queen

An early flowering, base branching plant with flowers of good size. Freely produced. The ideal pot plant Aster. Three plants in a 5 or 6 inch pot, or single plants in 3½ or 4 inch pots sell on sight. Bloom time varies, recommend you do not mix colors in pot.

Crimson	**Deep Blue**
Rose	**Light Blue**
Scarlet	**White**

Dwarf Queen Formula Mixed, all the above.

Each of the above: 1/8 oz., **85c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$4.50;** 4 oz., **$15.00;** lb., **$45.00.**

Aster Early Charm

Mixed. A new Aster type coming into flower very early, well in advance of late summer heat. Long clean stems support a profusion of 3 inch double flowers, each with broad overlapping petals similar to the American branching form. Colors range from purest white through all shades of pink to crimson, scarlet, all the blue tones and deepest purple. A wonderful cutflower variety and an important addition to the popular list of annuals for spring bedding plant sales. 18 in. 1/8 oz., **85c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$4.50;** 4 oz., **$13.50.**

Aster Pink Lady

This new florist cutflower Aster is a rich glowing salmon pink. Solid double flowers, the broad incurved petals completely covering the center. Large blooms, averaging 3 to 4 inches across, are freely produced on husky stems. Branching type, tall vigorous plants. A color long missing in Asters. 3 ft. Long lasting when cut.

1/16 oz., **$1.00;** 1/8 oz., **$1.80;** 1/4 oz., **$3.00;** 1/2 oz., **$5.40;** oz., **$9.00.**

Outdoor Aster Growing

The most widely advertised Wilt Resistant Aster will show no resistance to Wilt when grown in badly infected soil. We suggest a different location each year for your Aster planting, as well as steam sterilization of soil. Sow seed six weeks before planting out date and three weeks after seed sowing the seedlings should be put into Val-Peat Pots and three weeks later they will be ready for planting out. Space a foot apart in beds to insure a working area to set up wire or string supports. A cloth or plastic covering will provide protection against the leaf hopper which spreads Aster Yellows. An occasional spraying or dusting of your planting with Parathion should protect your Asters from infection. We recommend the use of Parathion only for those experienced with it. D.D.T., although not quite as effective, is recommended where safety is a factor.

Aster

Giant (American) Branching

Excellent for cut flowers. The branching habit is accompanied by vigor of growth and profusion of bloom. The flowers are large, very double, stems long and colors vivid. 2 to 3 ft.

Crimson	**Pink (Shell)**	**Purple**
Deep Rose	**Lavender**	**White**

Giant Branching Formula Mixed.

Each of the above: ⅛ oz., **40c;** ¼ oz., **65c;** ½ oz., **$1.15;** oz. **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Bouquet Type—2 Feet

The plant habit is upright, quilled blooms are produced in clusters on top of long sturdy stems. This variety of Aster being well regarded by cutflower growers. The entire plant may be cut as one attractive bouquet. Very early.

Powderpuffs Mixed. A complete range of bright interesting colors. ⅛ oz., **85c;** ¼ oz., **$1.50;** ½ oz., **$2.70;** oz., **$4.50;** 4 oz., **$15.00;** lb., **$45.00.**

Crego

Large, feathery, fully double flowers on robust branching 2½ foot plants. Comes into bloom in mid-August and continues well into September. A splendid keeper and shipper.

Azure Blue	**Crimson**	**Purple**
Deep Rose	**Pink (Shell)**	**White**

Crego Formula Mixed

Each of the above: ⅛ oz., **40c;** ¼ oz., **65c;** ½ oz., **$1.15;** oz. **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

The Royal—2 ft. Early-Flowering Branching

This type fills a gap between the Queen of the Market and the Late-Flowering Branching Asters. Sown early inside, and planted out with Queen of the Market, it follows that variety very closely.

Lavender (Azure Blue)	**Rose-Pink**
Purple	**Shell Pink**
Royal Formula Mixed	**White**

Each of the above: ⅛ oz., **40c;** ¼ oz., **65c;** ½ oz., **$1.15;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Asters in Mixture

California Giant Sunshine Mixed. The yellow quilled center provides a striking contrast to the single row of colored outer petals. Giant flowers, 4 to 5 inches across, on 3 ft. plants. Long stiff stems, fine for cutting.
⅛ oz., **60c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$32.00.**

Early Giant Formula Mixed. An early type of Giants of California coming into bloom 4 to 5 weeks ahead of the regular strain. Extra large flowers, long, strong stems. Includes all the popular Aster colors. 1½ ft. ⅛ oz., **60c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$32.00.**

Princess Formula Mixed. The full crested center is surrounded by several rows of strong guard petals. Early and free flowering; the blooms last long when cut. A complete range of color. 2 ft. ⅛ oz., **65c;** ¼ oz., **$1.15;** ½ oz., **$2.10;** oz., **$3.50;** 4 oz., **$10.00;** lb., **$30.00.**

Queen of the Market Mixed. The standard early Aster, and one of the best for the South. Long stemmed, medium size blooms, widely used for early market cutting. 20 in. ⅛ oz., **40c;** ¼ oz., **65c;** ½ oz., **$1.15;** oz., **$2 00;** 4 oz., **$6.00;** lb., **$18.00.**

Super Giant Mixed. True giant ostrich feather flowers; long, heavy non-lateral stems. A valuable cutflower variety; this excellent "giant" will bloom from late summer to frost. 3 ft. ⅛ oz., **70c;** ¼ oz., **$1.25;** ½ oz., **$2.25;** oz., **$3.75;** 4 oz., **$11.00.**

Giant Sorts Mixed. A perfectly balanced blend of the best commercial varieties. ⅛ oz., **40c;** ¼ oz., **65c;** ½ oz., **$1.10;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Single Chinese Rainbow Mixture. Wilt-Resistant. A mid-season variety, growing 24 to 30 inches tall. It has a good sized single Aster flower in a range of colors almost exclusively, various shades of light blue, dark blue and even violet, rose and crimson. There is no white in the mixture and no flesh pink. Upright growth.
⅛ oz., **35c;** ¼ oz., **50c;** ½ oz., **90c;** oz., **$1.50;** 4 oz., **$4.50;** lb., **$13.50.**

Heart of France. Medium sized blooms of glowing ruby-red. A reselected strain. ⅛ oz., **60c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$27.00.**

Aster Perennial

PERENNIAL 15,000 seeds oz. 68° 2-3 weeks

Alpinus. Fine light blue, 16 in.

Mixed. Blue and white flowers with a rich yellow center. Very large and early; plants uniform and compact. 12 in.

Each of the above 2: 1/16 oz., **65c;** ⅛ oz., **$1.10;** ¼ oz., **$1.95;** ½ oz., **$3.50;** oz., **$6.00.**

Large Flowering Varieties Mixed. 5 ft. Large flowers in a mixture of blue, rose and purple shades. Fall flowering, rich and attractive. 1/16 oz., **65c;** ⅛ oz., **$1.15;** ¼ oz., **$2.00;** ½ oz., **$3.60;** oz., **$7.00.**

Another Vaughan Service

V-seal for 1964. Described fully on page 37. We will offer the more important flower seed items in V-seal packages. These include our Instant Glamour varieties, Asters, Delphinium, Impatiens, Coleus, Larkspur, Pansy, Petunias (F-1 Hybrids, Doubles and California Giants), Phlox, Primula, Salvia, F-1 Garden Snapdragons (Sunrise, Rocket and Sprite), Verbena and Viola.

V-seal packages all carry identifying stock number as well as germination percentage.

ASTER
DWARF QUEEN

BALSAM COLOR PARADE

Asparagus

ANNUAL 750 seeds oz. 68-86° 4-6 weeks
Cracking seed coat with a knife may increase and assist germination. Carefully harvested, hand-picked, plump, well-matured seed of this is a specialty with us. Sown directly into 3 inch pots in June, Asparagus Plumosus Nanus will make nice plants for Fall and early Winter sales.

Plumosus Nanus. **Sprengeri**

Each of the above 2: 100 seeds, **50c;** 250 seeds, **$1.10;** 500 seeds, **$2.00;** 1,000 seeds, **$3.25;** 5,000 seeds, **$11.50;** 10,000 seeds, **$20.75.**

Aubrietia

PERENNIAL 150,000 seeds oz. 54° 2-3 weeks.

Large-Flowered Hybrids. × Lovely dwarf spring blooming plants. Form beautiful cushions of foliage and flowers. Full-petaled types equal to the best named varieties. A superior strain with an excellent range of color. 6 in.

Leichtlini. × Large-flowered, rosy-purple.

Each of the above 2: 1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.35;** 1/2 oz., **$2.40;** oz., **$4.00;** 4 oz., **$12.00.**

Balsam

ANNUAL 3,000 seeds oz. 68° 3-4 weeks

BUSH FLOWERING. Flowers appear in clusters on top of stem instead of on sides. When grown in small pots these make nice plants in bloom for spring sales. Does best in a warm sunny location. Very intolerant of wet cold weather. A popular bedding plant annual, easily handled in Paks or pots, can be had in bloom for early spring sales. 15 in.

Scarlet (Torch) **Rose** **White Reflected Rose**

Mixed. Includes the above.

Each of the above 4: 1/8 oz., **45c;** 1/4 oz., **70c;** 1/2 oz., **$1.30;** oz., **$2.50;** 4 oz. **$7.50;** lb., **$22.00.**

Color Parade. More dwarf and compact than the regular strain. Large double blooms in a wide range of brilliant colors. More top flowering than the regular Bush type. 10 in. 1/8 oz., **$1.00;** 1/4 oz., **$1.80;** 1/2 oz., **$3.25;** oz., **$5.40;** 4 oz., **$22.00;** lb., **$66.00.**

Instant Glamour

BALSAM (Lady Slipper). Short stemmed double flowers closely set along the length of the stems. Foliage a rich green.

Double Rose Flowered Mixed. 18 in.

Double Camellia Flowered Mixed. 18 in.

Each of the above 2: 1/4 oz., **35c;** 1/2 oz., **60c;** oz., **$1.00;** 4 oz., **$3.00;** lb., **$9.00.**

Baptisia

PERENNIAL 1,700 seeds oz. 68°

Slow and uneven to germinate.

Australis. (False Indigo). Beautiful racemes of pea-shaped indigo-blue flowers. 2-4 ft. 1/8 oz., **50c;** 1/4 oz., **85c;** 1/2 oz., **$1.50;** oz., **$2.50;** 4 oz., **$8.00.**

Ornamental Basil

ANNUAL 20,000 seeds oz. 65° 2 weeks

Dark Opal. Bronze Medal All America 1962. The small lavender-white flower, on its slender spike, is in striking contrast to the attractive dark purplish-bronze foliage. Very uniform plant habit with an average height of 15 inches and a spread of 12 inches. For borders and mass planting. As an herb, either fresh or dried, it is much used for flavoring. Developed at the University of Connecticut Experimental Station. We offer the Introducer's seed.
1/16 oz., **$1.00;** 1/8 oz., **$1.75;** 1/4 oz., **$3.15;** 1/2 oz., **$5.65;** oz., **$9.35;** 4 oz., **$31.20.**

Bellis Perennis × (English Daisy)

PERENNIAL 192,000 seeds oz. 68° 1-2 weeks

MONSTROSA. Much used for early summer bedding as well as combination work in Spring. Treat Bellis as you do Pansies and they will provide interesting color display as a bedding plant from early Spring into Summer. Give some protection over winter and keep planting well watered during the Summer. Although a perennial, Bellis is best treated as an Annual.

Double Pink **Double White**

Double Crimson. Definitely red **Double Mixed**

Each of the above: 1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.35;** 1/2 oz., **$2.40;** oz., **$4.00;** 4 oz., **$12.00.**

SUPER ENORMA. A special selection of ball-shaped fully double flowers averaging 2 1/2 to 3 inches across.

Mixed. A well-balanced blend which includes crimson, rose, salmon and white. 1/32 oz., **70c;** 1/16 oz., **$1.25;** 1/8 oz., **$2.00;** 1/4 oz., **$3.75;** 1/2 oz., **$6.75;** oz., **$10.00.**

Bell of Ireland

ANNUAL 7,000 seeds oz. 86° 2-3 weeks
Graceful 2 ft. branching stems surrounded with 2 inch bell-like flowers of a delicate green. The white calyx provides interesting contrast. Widely used in flower arrangements, either as a fresh cut-flower or dried for winter bouquets. 1/8 oz., **40c;** 1/4 oz., **70c;** 1/2 oz., **$1.25;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

All F-1 Hybrid Begonias from Seed

ANNUAL 30,000 seeds 1/32 oz. 68° 2-3 weeks.

Adaptable to all growing conditions, Begonias have rapidly forged ahead as one of the most popular pot plants.

Improved strains and the introduction of F-1 Hybrids is playing a large part in keeping this versatile plant as one of the leaders, not only as a pot plant but in the garden border where it thrives in partially shaded areas.

Use them in combinations—keep a supply of Begonias in 4 or 5 inch pots. There is ready sale for this versatile plant.

Sow seed in a non-acid peat or light well drained material for best germination. Do not cover, except with paper, until seedlings sprout. Keep surface of flat uniformly moist. A minimum temperature of 60 degrees will insure best results and give nice pot plants for spring sale. Shade in the greenhouse in summer. December-January sowing will give nice 3 inch plants for May bedding sales and combinations. For Christmas and mid-winter pot sales sow in July.

For reasons of economy and as a space saver, shift seedlings to flats, spacing 2 x 2 inches, grow on until plants become crowded then transfer to 3 or 4 inch pots for ready sale.

CAUTION: Begonia seedlings will burn if exposed to full sun. Recommend using a good, well shaded house high in humidity.

BEGONIA ORGANDY CHOICE MIXED

F-1 Hybrids (Heterosis)

As a pot plant, recommend these to your customer for the house, they do well in high temperatures and low light intensity of the modern home. The stronger growing F-1 Hybrid, showing greater resistance to rain and sun, makes an excellent bedding plant. In full sun or partial shade, the response is equally good. Profuse bloomers, the F-1 Hybrid assures uniform growth and bright clear colors.

Lucifer. Deep scarlet flower; bronzy-red foliage.

Pink Pearl. One of the best for pot culture. The plants form perfect balls. Rich pink flowers carried well above the fresh green foliage.

Pink Profusion. Coral pink flower; red veined green leaves. Very free flowering.

Red Pearl. Only in its brilliant dark scarlet flower does it differ from Pink Pearl.

Stuttgart. The rich bronze foliage is in striking contrast to the bright pink flowers.

Organdy Choice Mixed. A complete range of color, red, pink and white. Hybrid vigor makes them particularly adaptable to outdoor bedding, even in full sun.

Each of the above 6: Trade pkt. (2000 seeds), **$1.50;** 5 Trade pkts., **$6.75.**

Thousand Wonders (Tausendschon). Absolutely even in growth and color, plants are one mass of lustrous rose flowers.

Thousand Wonders Red (Red Tausendschon). The rich carmine scarlet counterpart of Thousand Wonders.

Each of the above 2: Trade pkt. (2000 seeds), **$2.00;** 5 Trade pkts., **$9.00.**

Thousand Wonders White. Pure white flowers, completes the color range in this free flowering group, with their dwarf compact habit. Trade pkt. (1000 seeds), **$2.00;** 5 Trade pkts., **$9.00.**

Galaxy Mixed. A well-balanced mixture of the Comet-type in a bright array of color which includes salmon pink, fiery scarlet, deep rose and pure white. Foliage a rich bronze, although some of the white and pink show a tendency toward green foliage. Plants are dwarf, compact and well branched. Very free flowering.
Trade pkt. (2000 seeds) **$2.00;** 5 trade pkts. **$9.00.**

BEGONIA THOUSAND WONDERS WHITE

BEGONIA THOUSAND WONDERS RED

BEGONIA DOUBLE LLOYDII MIXED

Double Lloydii Mixed (pendula type). Graceful double and semi-double flowers in a range of interesting colors. Fine for hanging baskets or window box decoration.
Trade pkt. (1000 seeds) **$3.00.**

Begonia

Double Tuberous Rooted

Sow December 1st to 15th and have 4's for bedding sales in May. Keep growing in at least a 65 degree house, particularly in the seedling and small plant stage. Later 60 degree temperature will do nicely. One grower reports he grew Tuberous Rooted Begonias along with Double Petunias and other bedding annuals. Use of the 3 inch peat pot is recommended when transplanting to avoid disturbing root system.

Vaughan's Special Mixture. This cream of a specialist's collection contains the lovely camellia and rose-flowered forms together with the double fringed types in charming colors from dainty light shades to the richer and darker tones. Leaflet on culture supplied with seed.
Trade pkt., (1000 seeds), **$3.50.**

Begonia

Rex Hybrids. An outstanding mixture producing a wide range of ornamental leaved Rex Type.
Trade pkt., (1000 seeds), **$2.50.**

Begonias Fibrous-Rooted

Dwarf, 6 to 8 Inches

Adeline (Improved Darling). Very dwarfest habit; bright pink flowers and green foliage, very attractive.

Ball Deep Rose. Rich rosy-red fading to a bright luminous pink as weather becomes warmer.

Ball Red. Medium large flowers of bright scarlet-red. Fairly dwarf in growth, and of uniformly rounded habit.

Dwarf Luminosa. Bright scarlet, free flowering, Excellent pot plant.

King of the Reds. Very dwarf glowing scarlet, foliage, green edged bronze.

Snowbank. Large glistening white flowers cover the dense growing plant. Foliage light green. The best dwarf white.

Each of the above 6: 1/128 oz., **$1.75;** 1/64 oz., **$3.25;** 1/32 oz., **$6.00;** 1/16 oz., **$11.00.**

Vaughan's Special Mixture of Dwarf Varieties for pots and bedding. 1/128 oz., **$1.50;** 1/64 oz., **$2.75;** 1/32 oz., **$5.00;** 1/16 oz., **$9.00;** 1/8 oz., **$16.00.**

Medium, 9 to 11 Inches

Carmen. Bright rose flowers, bronze foliage.

Indian Maid. Bright deep scarlet buds and flowers with deep lustrous bronze foliage.

Luminosa. Deep dark scarlet flowers, foliage reddish brown.

Scandinavia Pink. Large free flowering rose-pink. Plants of good branching habit. Foliage dark green tinged with bronze.

Scandinavia Red. A free flowering scarlet-red with dark bronze foliage.

Scandinavia White. The pure white flower is a striking contrast to the light green foliage and reddish color of its stem. Free flowering.

Each of the above 6: 1/128 oz., **$1.50;** 1/64 oz., **$2.75;** 1/32 oz., **$5.00;** 1/16 oz., **$9.00.**

Vaughan's Special Medium Tall Mixture. A formula blend consisting of the above colors. 1/128 oz., **$1.50;** 1/64 oz., **$2.75;** 1/32 oz., **$5.00;** 1/16 oz., **$9.00;** 1/8 oz., **$16.00.**

Tall, 12 Inches and Up

Christmas Cheer Red. Large flowers of deep crimson-scarlet, light bronze foliage. 1/128 oz., **$1.10;** 1/64 oz., **$2.00;** 1/32 oz., **$3.75;** 1/16 oz., **$6.75.**

Vaughan's Special Mixture of all Varieties.
1/128 oz., **$1.00;** 1/64 oz., **$1.80;** 1/32 oz., **$3.00;** 1/16 oz., **$5.35.**

Broom Hybrids

PERENNIAL 5,500 seeds oz. 70-80° 6-8 weeks
The shrub-like plant is covered with 1 inch sweet pea-like flowers in a range of bright colors. Very hardy, grows well in poor soil, prefers full sun. 4-5 ft. 1/16 oz., **80c;** 1/8 oz., **$1.40;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$7.50.**

BEGONIAS SCANDINAVIA PINK AND SCANDINAVIA WHITE IN FORMAL BEDS AT HIALEAH PARK, FLORIDA

Browallia

ANNUAL 65,000 seeds oz. 68° 2-3 weeks

Speciosa Major Blue. Large deep blue flowers, 1½ inches across. The flower stems average 10 to 12 inches. Fine for pots. 1/64 oz., **$1.20;** 1/32 oz., **$2.15;** 1/16 oz., **$3.60;** 1/8 oz., **$6.60;** 1/4 oz., **$12.00;** 1/2 oz., **$21.50;** oz., **$36.00.**

Cacalia (Tassel Flower)

ANNUAL 56,000 seeds oz. 68° 2-3 weeks
Flowers of scarlet or gold on branching stems, fluffy tassels, less than half an inch in diameter. Blooms until heavy frost. Fine for mixed bouquets, 2 ft.

Mixed. Scarlet and yellow. 1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$11.00;** lb., **$40.00.**

Cactus Seed

ANNUAL 30,000 seeds oz. 75-80° 6 weeks
Cacti can easily be grown from seed, and are becoming increasingly popular in the retail trade.

Cereus (Column-cacti). Mixed.
100 seeds, **60c;** 500 seeds, **$2.50;** 1000 seeds, **$4.40.**

Echinocactus (Hedgehog-cacti). Mixed.
100 seeds, **$1.35;** 500 seeds, **$6.00;** 1000 seeds, **$11.00.**

Mammilaria (Wart-cacti). Mixed.
100 seeds, **$1.00;** 500 seeds, **$4.50;** 1000 seeds, **$8.25.**

All kinds and forms mixed. 1/32 oz., **70c;** 1/16 oz., **$1.25;** 1/8 oz., **$2.20;** 1/4 oz., **$4.00;** 1/2 oz., **$7.20;** oz., **$12.00.**

Special Order Blank for Instant Glamour

To VAUGHAN'S SEED COMPANY

5300 Katrine Ave., Downers Grove, Ill. 60515

Phone 969-6300 (Area Code 312)

TERMS OF PAYMENT. See Flower and Vegetable Seed discounts in last column. Bulbs, Supplies, Greenhouse Plants, Grass Seed Mixtures, Fertilizers and Insecticides are 2% 10 days, 30 days net.

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100.00 to 300.00,	10%	750.00 and Up,	20%

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UNDER $10.00 NET

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25.00 to 100.00,	5%	500.00 to 750.00,	12%
100.00 to 300.00,	8%	750.00 and Up,	18%

AMOUNT ENCLOSED $.....When to Ship.....Always write letters on a separate sheet from your order.

Quantity		PRICE Dols.	PRICE Cts.	Quantity		PRICE Dols.	PRICE Cts.
	AGERATUM—Blue Mink. 1/16 oz., 70c; 1/8 oz., $1.25; 1/4 oz., $2.00; 1/2 oz., $3.60; oz., $6.00; 4 oz., $18.00.				**Sugar Plum.** 1/2 Trade pkt. (500 seeds), $1.00; trade pkt. (1000 seeds), $1.75; 1/128 oz., $3.00; 1/64 oz., $5.50; 1/32 oz., $10.00; 1/16 oz., $19.25; 1/8 oz., $36.50.		
	ALYSSUM—Vaughan's Carpet of Snow. 1/4 oz., 40c; 1/2 oz., 70c; oz., $1.25; 4 oz., $3.50; lb., $12.00.				**White Satin.** 1/2 Trade pkt. (500 seeds), $1.00; trade pkt. (1000 seeds), $1.75; 1/128 oz., $3.00; 1/64 oz., $5.50; 1/32 oz., $10.00; 1/16 oz., $19.25; 1/8 oz., $36.50.		
	ASTER—Dwarf Queen Mixed. 1/8 oz., 85c; 1/4 oz., $1.50; 1/2 oz., $2.70; oz., $4.50; 4 oz., $15.00; lb., $45.00.				**All Double (Gr.) Master Blend.** 1/2 Trade pkt. (500 seeds), $2.50; trade pkt. (1000 seeds), $4.50; 1/128 oz., $8.00; 1/64 oz., $15.50. 1/32 oz., $29.95; 1/16 oz., $55.75.		
	BALSAM—Color Parade. 1/8 oz., $1.00; 1/4 oz., $1.80; 1/2 oz., $3.25; oz., $5.40; 4 oz., $22.00; lb., $66.00.				**PHLOX—Dwarf Master Blend.** 1/16 oz., 75c; 1/8 oz., $1.25; 1/4 oz., $2.00; 1/2 oz., $3 50.; oz., $6.00; 4 oz., $18.00; lb., $54.00.		
	CELOSIA—Fireglow. 1/128 oz., $1.25; 1/64 oz., $2.40; 1/32 oz., $3.75; 1/16 oz., $6.50; 1/8 oz., $11.50; 1/4 oz., $20.00; 1/2 oz., $32.50.				**PORTULACA—Double Mixed.** 1/16 oz., $45c; 1/8 oz., 80c; 1/4 oz., $1.25; 1/2 oz., $2.25; oz., $4.90; 4 oz., $11.00; lb., $33.00.		
	COLEUS—Vaughan's Rainbow Mixture. 1/128 oz., $1.60; 1/64 oz., $2.60; 1/32 oz., $5.00; 1/16 oz., $9.00; 1/8 oz., $15.00; 1/4 oz., $27.00.				**SALVIA—St. John's Fire.** 1/16 oz., 90c; 1/8 oz., $1.50; 1/4 oz., $2.75; 1/2 oz., $5.00; oz., $8.50; 4 oz., $25.00; lb., $100.00.		
	DAHLIA—Extra Dwarf Double Mixed. 1/8 oz., 80c; 1/4 oz., $1.35; 1/2 oz., $2.40; oz., $4.00; 4 oz., $12.00.				**Evening Glow.** 1/32 oz., $1.00; 1/16 oz., $1.75; 1/8 oz., $3.20; 1/4 oz., $5.75; 1/2 oz., $10.45; oz., $19.00.		
	IMPATIENS—Baby Mixed. 1/128 oz., $1.50; 1/64 oz., $2.20; 1/32 oz., $4.00; 1/16 oz., $7.45; 1/8 oz., $13.50; 1/4 oz., $24.00; 1/2 oz., $44.00.				**SNAPDRAGON—F-1 Sunrise Mixed.** Trade pkt. (500 seeds), $1.75; 1/128 oz., $3.00; 1/64 oz., $5.50; 1/32 oz. $10.00; 1/16 oz., $19.25; 1/8 oz., $36.50; 1/4 oz., $69.50.		
	MARIGOLD—Dwarf Master Blend. 1/8 oz., 55c; 1/4 oz., $1.00; 1/2 oz., $1.80; oz., $3.00; 4 oz., $9.00; lb., $27.00.				**F-1 Rocket Mixed.** Trade pkt. (500 seeds), $1.75; 1/128 oz., $3.00; 1/64 oz., $5.50; 1/32 oz., $10.00; 1/16 oz., $19.25; 1/8 oz., $36.50; 1/4 oz., $69.50.		
	Climax Mixed. 1/64 oz., 85c; 1/32 oz., $1.50; 1/16 oz., $2 50; 1/8 oz., $4.50; 1/4 oz., $8.00; 1/2 oz., $14.50; oz., $25.00.				**F-1 Floral Carpet Mixed.** Trade pkt. (500 seeds), $1.65; 1/128 oz., $2.75; 1/64 oz., $5.25; 1/32 oz., $9.50; 1/16 oz., $18.45; 1/8 oz., $35.50; 1/4 oz., $68.00.		
	PETUNIA—(F-1 Gr.) Aristocrat. 1/2 trade pkt. (500 seeds), $1.50; trade pkt. (1000 seeds), $2.75; 1/128 oz., $4.75; 1/64 oz., $8.75; 1/32 oz., $16.75. 1/16 oz., $32.00.				**VERBENA—Dwarf Master Blend.** 1/16 oz., 75c; 1/8 oz., $1.25; 1/4 oz., $2.00; 1/2 oz., $3.50; oz., $6.00; 4 oz., $18.00; lb., $54.00.		
	Calypso. 1/2 trade pkt. (500 seeds), $1.50; trade pkt. (1000 seeds), $2.75; 1/128 oz., $4.75; 1/64 oz., $8.75; 1/32 oz., $16.75; 1/16 oz., $32.00; 1/8 oz., $60.75.				**ZINNIA—Pink Buttons.** 1/16 oz., 70c; 1/8 oz., $1.25; 1/4 oz., $2.25; 1/2 oz., $4.25; oz., $8.00; 4 oz., $24.00.		
	Capri. 1/2 trade pkt. (500 seeds), $1.50; trade pkt. (1000 seeds), $2.75; 1/128 oz., $4.75; 1/64 oz., $8.75; 1/32 oz., $16.75; 1/16 oz., $32.00; 1/8 oz., $60.75; 1/4 oz., $115.75.				**F-1 Bonanza.** 1/16 oz., $2.25; 1/8 oz., $4.00; 1/4 oz., $7.00; 1/2 oz., $12.50; oz., $21.00.		
	Pink Desire. 1/2 trade pkt. (500 seeds), $1.50; trade pkt. (1000 seeds), $2.75; 1/128 oz., $4.75; 1/64 oz., $8.75; 1/32 oz., $16.75; 1/16 oz., $32.00; 1/8 oz., $60.75.				**F-1 Firecracker.** 1/16 oz., $2.25; 1/8 oz., $4.00; 1/4 oz., $7.00; 1/2 oz., $12.50; oz., $21.00.		
	Red Ensign. 1/2 trade pkt. (500 seeds), $1.10; trade pkt. (1000 seeds), $2.00; 1/128 oz., $3.50; 1/64 oz., $6.00; 1/32 oz., $11.00; 1/16 oz., $20.00; 1/8 oz., $36.00.				**Thumbelina.** 1/32 oz., 85c; 1/16 oz., $1.50; 1/8 oz., $2.75; 1/4 oz., $5.00; 1/2 oz., $9.00; oz., $15.00; 4 oz., $45.00.		
	F-1 Mul. Coral Satin. 1/2 Trade pkt. (500 seeds), $1.00; trade pkt. (1000 seeds), $1.75; 1/128 oz., $3.00; 1/64 oz., $5.50; 1/32 oz., $10.00. 1/16 oz., $19.25; 1/8 oz., $36.50.				**PEPPER—Vaughan's Hybrid.** 1/16 oz., $1.50; 1/8 oz., $2.50; 1/4 oz., $4.75; 1/2 oz., $9.00; oz., $17.50; 4 oz., $52.50.		
	Dawn Satin. 1/2 Trade pkt. (500 seeds), $1.00; trade pkt. (1000 seeds), $1.75; 1/128 oz., $3.00; 1/64 oz., $5.50; 1/32 oz., $10.00; 1/16 oz., $19.25; 1/8 oz., $36.50.				**Yolo Wonder.** 1/2 oz., 60c; oz., $1.10; 4 oz., $3.35; lb., $10.00.		
	Pink Satin. 1/2 Trade pkt. (500 seeds), $1.00; trade pkt. (1000 seeds), $1.75; 1/128 oz., $3.00; 1/64 oz., $5.50; 1/32 oz., $10.00; 1/16 oz., $19.25; 1/8 oz., $36.50.				**TOMATO—Burpee Big Boy.** 1/16 oz., $2.50; 1/8 oz., $4.50; 1/4 oz., $8.50; 1/2 oz., $16.00; oz., $30.00.		
	Red Satin. 1/2 Trade pkt. (500 seeds), $1.00; trade pkt. (1000 seeds), $1.75; 1/128 oz., $3.00; 1/64 oz., $5.50; 1/32 oz., $10.00; 1/16 oz., $19.25; 1/8 oz., $36.50.				**Early Giant Hybrid.** 1/16 oz., $2.50; 1/8 oz., $4.50; 1/4 oz., $8.50; 1/2 oz., $16.00; oz., $30.00; 4 oz., $90.00.		
	Star Trophy. 1/2 Trade pkt. (500 seeds), $1.00; trade pkt. (1000 seeds), $1.75; 1/128 oz., $3.00; 1/64 oz., $5.50; 1/32 oz., $10.00; 1/16 oz., $19.25; 1/8 oz., $36.50.				**Tiny Tim.** 1/4 oz., 95c; 1/2 oz., $1.75; oz., $3.35; 4 oz., $10.00.		
	Sub. Total				**Total**		

S. F. 64

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Phone 969-6300 (Area Code 312)

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100.00 to 300.00,	10%	750.00 and Up,	20%

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$10.00 to $25.00,	2%	300.00 to 500.00,	10%
25.00 to 100.00,	5%	500.00 to 750.00,	12%
100.00 to 300.00,	8%	750.00 and Up,	18%

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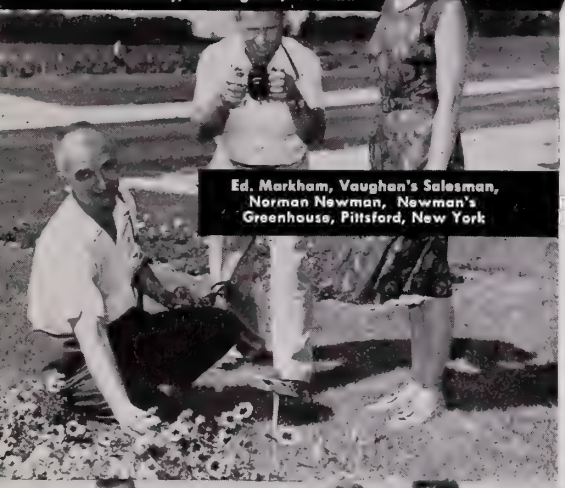
Mert Conkling, Vaughan's Salesman
Mrs. Karlman & Son Alfred
Karlman Nursery, Farmingdale, L. Island



Ed. Markham, Vaughan's Salesman,
Norman Newman, Newman's
Greenhouse, Pittsford, New York

Bob Marks, Vaughan's Salesman
Eleanor Wilm and Judy Davitz
Caledonia Flowers, Caledonia, Wisconsin

Al. Havlik, Vaughan's Salesman,
Chris Amidei & Wife Dema, Gardener,
J. Douglas Sr. Estates, Lake Forest, Illinois

Partial View of Trial Grounds

It's not too early to start planning your summer for '64 so that you're sure to visit a major event of the horticultural industry: Vaughan's Field Day, July 22, 1964. Yes, once again Vaughan's hosts America's Florists, Growers, Nurserymen and Lawn and Garden Dealers. We've spent two years preparing the great features of this spectacle. We're sure you'll want to . . .

See Over 100 new flowers and vegetables plus thousands of older proven varieties.

View What's New and selling best in Bedding Plants: Vaughan's "Instant Glamour" varieties.

Learn the Latest merchandising ideas from Vaughan's representatives.

BE VAUGHAN'S GUEST FOR LUNCHEON

Meet your friends, chat with us, have a pleasant lunch, learn a lot and in general, make a day of it.

GET THE "GREEN CARPET" TREATMENT

We urge you to include a visit to Vaughan's new headquarters in Downers Grove, Ill. in your Field Day plans. We'll roll out the "Green Carpet" to welcome you and show you through our new, ultra-modern office and warehouse.

REMEMBER! VAUGHAN'S FIELD DAY, JULY 22, 1964
MAKE PLANS NOW TO BE THERE—
WE'LL BE LOOKING FOR YOU

EVERYONE ENJOYED VAUGHAN'S FIELD DAY, VINTAGE 1962!

AND WE'RE DOING IT AGAIN IN '64—ONLY BETTER!

JULY 22,

1964 IS THE DATE TO RESERVE

Bob Jean, Vaughan's Salesman, Edward Vaughan and Sho Yashida, Sunnyside Nursery, Hayward, California

Vaughan Salesmen, Gus Craigo, Jim Hosek, Charlie Cook, K. C. Browne and Ed. Markham being shown a hardy lily by Hybridizer, Jan De Graaf (middle)

Calceolaria

ANNUAL 20,000 seeds 1/32 oz. 68° 2-3 weeks

In sowing Calceolaria seed, use only loose, sterilized material. Responds best when a night temperature of 60° is maintained. Seed being very fine does not require soil covering. During bud development period a temperature of not over 50° is recommended (Cornell University). When plants are of sufficient size to handle, put into small Val-Peat Pots, later shifting to 4 or 5 inch pots. A regular insect spraying program should be instituted and we recommend the use of Parathion. Calceolaria are most susceptible to aphis. Give some shade from late February on and water planting only when dry. Too much water causes yellowing of foliage.

Hybrids Mixed (F-1 Multiflora Nana. Gilbert's). Large flowerheads, good stems and a brilliant range of color which includes reds, yellows, bronze and pastels from solid to mottled. Good foliage and earliness of bloom as well as a compact flowerhead on not too large a plant combine to make this one of the most desired pot plant varieties. Originator's Trade pkt., **$3.50.**

Multiflora Nana Mixed. The average size of the blooms is only 1½ inches, but the amount of flowers produced is unsurpassed. The color scheme is extraordinarily gay and full of contrast. Pinch out center to make well shaped bushy stock. Trade pkt., (2500 seeds) **$1.50;** 1/128 oz., **$2.75;** 1/64 oz., **$5.00;** 1/32 oz., **$9.00.**

Gilbert's Multiflora Nana Mixed. A Specialist's selection from the Type. Bright gay colors, plants uniform and compact, very free flowering. Introducer's Trade pkt., **$2.50.**

CALCEOLARIA

Pot plants are much in demand for Mother's Day

Triumph Strain. A truly outstanding strain. Bright shades of yellow, orange, red and rose; the flowers are large and mostly tigered or spotted. This strain produces bushy, shapely plants with clean foliage. 1/128 oz., **$1.50;** 1/64 oz., **$2.75;** 1/32 oz., **$5.00;** 1/16 oz., **$9.00.**

Campanula

ANNUAL 50,000 seeds oz. 68-86° 2-3 weeks

Blooms from seed in less than six months. The plant grows from two to two and a half feet tall, each plant having from six to eight spikes of blooms.

Annual Canterbury Bells Mixed.
1/16 oz., **50c;** 1/8 oz., **90c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$4.50.**

BIENNIAL 125,000 seeds oz. 68-86° 2-3 weeks

Easily forced in the greenhouse for Spring cutflowers.

Medium Calycanthema. (Cup and Saucer). 36 in.

Dark Blue	**White**
Rose (Pink)	**Mixed**

Each of the above 4: 1/16 oz., **30c;** 1/8 oz., **50c;** 1/4 oz., **80c;** 1/2 oz., **$1.40;** oz., **$2.50;** 4 oz., **$7.50.**

Lilac (Light Blue), 1/16 oz., **35c;** 1/8 oz., **60c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$10.00.**

Medium Single (Canterbury Bell). 36 in. **Mixed.**
1/4 oz., **35c;** 1/2 oz., **60c;** oz., **$1.00;** 4 oz., **$3.00.**

Medium Double Mixed
1/16 oz., **30c;** 1/8 oz., **50c;** 1/4 oz., **80c;** 1/2 oz., **$1.40;** oz., **$2.40;** 4 oz., **$7.20.**

PERENNIAL Seeds, see below. 68-86° 2-3 weeks

Carpatica. × (Hare Bell). (350,000 seeds per oz.) Forms a quickly-widening tuft of neat foliage above which are borne on slender, branched erect stems, wide cup-shaped upright blooms of a glistening light violet blue, 9 in.
1/32 oz., **35c;** 1/16 oz., **55c;** 1/8 oz., **85c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$4.50.**

Persicifolia. (340,000 seeds per oz.). (Peach Bell). 30 in. Bell-shaped flowers on stiffly erect stems.

Alba. White, fine. **Coerulea.** Blue.

Telham Beauty. Large bells of China blue, varies.

Each of the above 3: 1/32 oz., **40c;** 1/16 oz., **70c;** 1/8 oz., **$1.10;** 1/4 oz., **$1.95;** 1/2 oz., **$3.50;** oz., **$6.00.**

Mixed. 1/32 oz., **40c;** 1/16 oz., **65c;** 1/8 oz., **$1.00;** 1/4 oz., **$1.40;** 1/2 oz., **$2.50;** oz., **$4.20;** 4 oz., **$12.00.**

Perennial Varieties Mixed.
1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.25;** 1/2 oz., **$2.25;** oz., **$3.75.**

Calendulas

ANNUAL 5,200 seeds oz. 68-86° 2-3 weeks

Greenhouse Forcing Varieties

These improved varieties, while mainly grown in the greenhouse, can also be grown outdoors for cutting. Sow in January for spring flowering. For mid-winter cut, sow August-September.

Sensation, Vaughan's Improved (Campfire). Long stems; very double, brilliant orange flowers. The blooms are very flat in shape.

Gold. Deep golden yellow with light eye.

Lemon Queen Improved. Lemon-yellow with dark eye.

Masterpiece. Extra long-stemmed, deep orange-brown center.

Each of the above 4: 1/4 oz., **50c;** 1/2 oz., **90c;** oz., **$1.50;** 4 oz., **$4.50;** lb., **$13.50.**

Vaughan's Special Mixture for greenhouse forcing. 1/4 oz., **40c;** 1/2 oz., **70c;** oz., **$1.20;** 4oz., **$3.60;** lb., **$10.80.**

Bedding Varieties

At their best in localities where summer temperatures are not too extreme. Flowers are freely produced, full double averaging 3 inches across. In warmer sections flowers are somewhat smaller with an increased number of semi-double blooms. 15 in.

Lemon Queen Light Eye. Light golden yellow.

Orange King Select. Deep orange, dark center.

Radar. Very large, medium orange, quilled type flower. Excellent for cutting.

Each of the above 3: 1/4 oz., **50c;** 1/2 oz., **90c;** oz., **$1.50;** 4 oz., **$4.50;** lb., **$13.50.**

Vaughan's Special Mixture of bedding varieties. 1/4 oz., **35c;** 1/2 oz., **60c;** oz., **$1.10;** 4 oz., **$3.30;** lb., **$10.00.**

Pacific Beauties

Uniformly large flowers of good formation, long straight stems. More resistant to heat than other bedding varieties. 15 in.

Apricot Beauty. An attractive two-toned rich apricot.

Cream Beauty. Creamy-white, shading to soft yellow.

Flame Beauty. Clear deep orange, a color identical to that of Orange King. Large blooms, somewhat crested centers make this a striking addition to the Pacific Beauty family.

Lemon Beauty. Pure lemon yellow, wide incurving petals.

Persimmon Beauty. A true persimmon-orange of unusual size and brilliance, with long graceful petals.

Pacific Beauty Mixed. A blend of above.

Each of the above 6: 1/4 oz., **50c;** 1/2 oz., **90c;** oz., **$1.50;** 4 oz., **$4.50;** lb., **$13.50.**

CANDYTUFT (IBERIS) SEMPERVIRENS

Candytuft

ANNUAL 9,000 seeds oz. 68-86° 1-2 weeks

Fairy Mixed (dwarf compact). 8-in. Dome-like plants, neat, dwarf and compact. The color range includes rose, pink, carmine, crimson, lavender, flesh pink and white. The uniform growth gives the appearance of a rich carpet of color. For pots and combinations. Very early.
1/8 oz., **45c;** 1/4 oz., **75c;** 1/2 oz., **$1.35;** oz., **$2.00;** 4 oz., **$6.00.**

★**Giant Hyacinth-Flowered Select, Pure White.** This is a superior strain; it grows about 1 1/2 feet high, with enormous trusses of blooms. The best strain in existence for florists' use. Sow early in January for Mother's Day.
1/2 oz., **50c;** oz., **90c;** 4 oz., **$2.90;** lb., **$9.00.**

UMBELLATA. A spring greenhouse cutflower; sow in January, plant out 8 x 10 in. Used as a winter outdoor crop in Florida and the south of Texas. 12 in.

Vaughan's Special Mixture. Our own formula blend of popular colors. 15 in.
1/2 oz., **40c;** oz., **75c;** 4 oz., **$2.00;** lb., **$6.00.**

Hardy Candytuft (Iberis)

PERENNIAL 11,500 seeds oz. 68° 2-3 weeks

Gibraltarica. × 1 ft. Large flowers, lilac shaded to white.
1/4 oz., **50c;** 1/2 oz., **90c;** oz., **$1.50;** 4 oz., **$4.50;** lb., **$13.00.**

Sempervirens. 12 in. White.
1/8 oz., **80c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$4.50;** 4 oz., **$13.00;** lb., **$40.00.**

Calliopsis

ANNUAL 100,000 seeds oz. 65-75° 2-3 weeks

Dwarf Mixed. Single dwarf compact, shades of red and yellow and bicolor combinations of the same colors.
1/8 oz., **40c;** 1/4 oz., **60c;** 1/2 oz., **$1.10;** oz., **$1.80;** 4 oz., **$5.40.**

Carnation

ANNUAL 15,000 seeds oz. 68° 2-3 weeks

From an early outdoor planting, these strains produce a nice crop of summer cutflower Carnations. Give some support. A garden favorite in cool climates.

Chabaud Giant Improved

The finest strain for outdoor bedding.

Copper Red (Salmon Rose)	**Rose-Pink**
Deep Rose	**Scarlet** (Cardinal)
Flesh-Pink	**White** (Jeanne Dionis)
Maroon (Nero)	**Yellow** (Marie Chabaud)

Fantasy. Striped and variegated mixed colors.

Orange Sherbet. Striped and flushed scarlet, orange-apricot ground.

Chabaud "Glamour" Mixed. Our special formula blend which includes the newer varieties.

Each of the above: 1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.20;** 1/2 oz., **$2.15;** oz., **$3.60;** 4 oz., **$10.00;** lb., **$36.00.**

Enfant de Nice

Compact growth, flowers up to 2 3/4 inches in diameter on strong stiff stems, without disbudding.

White Salmon Rose Red Yellow

Mixed. From varieties noted above.

Each of the above: 1/32 oz., **50c;** 1/16 oz., **90c;** 1/8 oz., **$1.50;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$7.50.**

Margaret Double Mixed. A free flowering summer strain. An abundance of bloom on good stems. Blooms in five months from sowing. Very fragrant.
1/8 oz., **35c;** 1/4 oz., **65c;** 1/2 oz., **$1.15;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$20.00.**

Vaughan's Special Mixture. A mixture of Enfant de Nice, Giant Margaret Mixed and Chabaud Giant Improved.
1/16 oz., **65c;** 1/8 oz., **$1.10;** 1/4 oz., **$2.00;** 1/2 oz., **$3.60;** oz., **$6.00;** 4 oz., **$18.00;** lb., **$55.00.**

Carnation

PERENNIAL 14,000 seeds oz. 68° 2-3 weeks

Large flowers, profuse bloomer. The best cutting strain.

Grenadin Golden Sun. (White Gold). Golden yellow.

King of the Blacks. Darkest red, very fine.	
Red. (Cardinal), scarlet	**Triumph Rose.** Deep Pink.
White	**Mixed.** A formula blend.

Each of the above: 1/16 oz., **75c;** 1/8 oz., **$1.35;** 1/4 oz., **$2.20;** 1/2 oz., **$4.00;** oz., **$6.60;** 4 oz., **$20.00;** lb., **$60.00.**

Grenadin Dwarf. Extra early. 15 inches.

Bright Scarlet. Double flowers of rich intense scarlet. Blooms from seed the first year if sown early. Very uniform.
1/16 oz., **75c;** 1/8 oz., **$1.35;** 1/4 oz., **$2.20;** 1/2 oz., **$4.00;** oz., **$6.60;** 4 oz., **$20.00;** lb., **$60.00.**

Choice Mixture. Early Vienna Type, nice range of color.
1/16 oz., **65c;** 1/8 oz., **$1.10;** 1/4 oz., **$2.00;** 1/2 oz., **$3.60;** oz., **$6.00;** 4 oz., **$18.00;** lb., **$55.00.**

CARNATION CHABAUD

Centaurea

ANNUAL 6,500 seeds oz. 68-86° 3-4 weeks

CYANUS. (Bachelor Button or Cornflower) Large, fully double flower, rich colors. Long stems for cutting. May be sown outdoors just before freezing for early spring blooming. 3 ft.

Black Boy. Blackish maroon.

★**Blue Boy.** Rich deep blue, very large flowers.

★**Pinkie.** Deep pink.

Red Boy. Ruby red.

★**Rosie.** Rich rose with salmon overcast.

★**Snowman.** Best white.

Vaughan's Mixture of Super Giant Varieties.
Each of the above: 1/2 oz., **45c;** oz., **75c;** 4 oz., **$2.20;** lb., **$6.50.**

CYANUS DWARF. Compact plant covered with bloom. Foliage a tufted mass of bright green. For borders and bedding; makes a satisfactory pot plant. 10-12 in.

Jubilee Gem. Very double dark blue flower. 12 in.

Polka Dot Mixed. A full range of bright Centaurea colors.

Each of the above 2: 1/4 oz., **50c;** 1/2 oz., **90c;** oz., **$1.50;** 4 oz., **$4.50.**

IMPERIALIS. Showy thistle-like blooms. 32 in.

Mixed. A complete range of color.
1/4 oz., **50c;** 1/2 oz., **90c;** oz., **$1.50;** 4 oz., **$4.50.**

PERENNIAL 1,600 seeds oz. 68-86° 3-4 weeks

Montana. Cornflower blue, 24-in.
1/4 oz., **50c;** 1/2 oz., **90c;** oz., **$1.50;** 4 oz., **$4.50.**

Canary Bird Vine

ANNUAL CLIMBER 2 weeks.

Canary yellow flower, with finely cut and fringed foliage. Does well in shade.

¼ oz., **40c;** ½ oz., **65c;** oz., **$1.00;** 4 oz., **$3.00;** lb., **$9.00.**

Cerastium

PERENNIAL 42,000 seeds oz. 68° 2-4 weeks

Tomentosum. (Snow in Summer) × Silvery white foliage, white flowers. 16 in.

⅛ oz., **35c;** ¼ oz., **60c;** ½ oz., **$1.10;** oz., **$2.00;** 4 oz., **$6.00.**

Cheiranthus

PERENNIAL 10,000 seeds oz. 54° 2-3 weeks

Allionii. Brilliant orange. 16 in.

½ oz., **35c;** oz., **55c;** 4 oz., **$1.65;** lb., **$5.00.**

Chrysanthemum

ANNUAL 9,500 seeds oz. 68° 2-4 weeks

★**Carinatum Vaughan's Rainbow Mixture.** A surprising blend of entirely new shades and color combinations in Annual Chrysanthemums. The very free flowering 2 feet high plants are early blooming, coming into flower 2 months from the time of sowing, from June until September they give a truly amazing display.

⅛ oz., **40c;** ¼ oz., **70c;** ½ oz., **$1.25;** oz., **$2.20;** 4 oz., **$6.60.**

PERENNIAL 60,000 seeds oz. 68° 2-4 weeks

Korean Hybrids. Seed saved from a large acreage of experimental crosses representing a wonderful range of magnificent colors. Large-flowering single and semi-double.

1/32 oz., **85c;** 1/16 oz., **$1.50;** ⅛ oz., **$2.50;** ¼ oz., **$4.50;** ½ oz., **$8.10;** oz., **$13.50.**

Cineraria

See Page 17

Clarkia

ANNUAL 100,000 seeds oz. 54-90° 1-2 weeks

This is now much planted for cutting, both in and outdoors. If grown indoors, plants must be starved. Sow in January, grow on in flats or shallow raised bench. 2 ft.

Vaughan's Special Mixture. Our own blend.

¼ oz., **40c;** ½ oz., **70c;** oz., **$1.20;** 4 oz., **$3.60.**

Cleome

ANNUAL 13,000 seeds oz. 54-90° 1-2 weeks

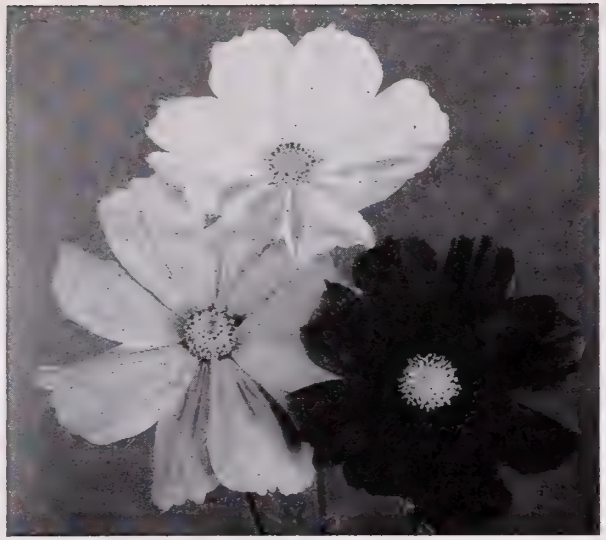
★**Giant Pink Queen.** A tall and attractive border plant, with huge heads of delightful and refreshing pink. Reaches over 4 feet, well branched, airy foliage, blooming from June until frost.

Helen Campbell. A sport from the popular Pink Queen, with large glistening pure white flowers. Comes into bloom slightly earlier than Pink Queen and the flowerheads are larger.

Each of the above 2: ⅛ oz., **40c;** ¼ oz., **65c;** ½ oz., **$1.15;** oz., **$2.00;** 4 oz., **$6.00.**

Coleus

See pages 18-19



COSMOS SENSATION

Cobaea

ANNUAL 375 seeds oz. 68-86° 2-3 weeks

Scandens. One of the handsomest rapid growing climbers. The bell-shaped flowers turn lilac. Seed should be sown edgewise. Very vigorous and prolific bloomer.

¼ oz., **55c;** ½ oz., **$1.00;** oz., **$1.70;** 4 oz., **$5.00.**

Convolvulus

ANNUAL 1,400 seeds oz. 65° 2 weeks

Dwarf Royal Ensign. Is deep bright ultramarine blue, the deepest and brightest color of all blue annuals. The plants are fairly covered with their attractive blossoms all summer. Use for edging and borders.

⅛ oz., **60c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00.**

Coreopsis

PERENNIAL 11,000 seeds oz. 68° 2-3 weeks

Double Sunburst. (Double New Gold). Large double flowers 1½ to 2 in. across.

¼ oz., **35c;** ½ oz., **65c;** oz., **$1.10;** 4 oz., **$3.30;** lb., **$10.00.**

Corn Ornamental

ANNUAL 100 seeds oz. 65-75° 1 week

Strawberry. While this is really a "Pop Corn" its charm is in the tiny ears which are only 2 in. long and 1½ in. wide and a rich shiny mahogany color. Not unlike a gigantic strawberry. Straw-colored husks which may be bent back showing the ear. oz., **40c;** 4 oz., **$1.25;** 1 lb., **$4.00.**

Calico or Indian Squaw. Multi-colored kernels for fall decorations. oz., **25c;** 4 oz., **50c;** lb., **$1.50;** 10 lb., **$14.00.**

Cosmos

ANNUAL 5,000 seeds oz. 68-86° 1-2 weeks

★**SENSATION.** Very early giant flowered type. Plants grow 4 to 6 feet. Flowers are quite large, 4 to 6 inches across, with broad fluted petals which slightly overlap. A satisfactory cutflower strain, particularly well adapted to our Northern climate.

Pinkie. Clear rose pink.

Purity. Purest white.

Radiance. Deep rose with rich crimson zone.

Mixed. All the above.

Each of the above: ¼ oz., **40c;** ½ oz., **70c;** oz., **$1.30;** 4 oz., **$4.00.**

Ornamental Cotton

ANNUAL 270 seeds oz. 70° 12 days

Sown indoors, and transplanted after danger of frost is over, cotton plants develop quickly into low bushes of definite ornamental value, with lovely pink buds followed by creamy blossoms. The white bolls make winter bouquets. Regret owing to quarantine regulations cannot be sent to California.

¼ oz., **45c;** ½ oz., **80c;** oz., **$1.40.**

★Crossandra

ANNUAL 4,000 seeds oz. 75-80° 7-12 weeks

An evergreen and everblooming plant. Leaves are dark green, somewhat resembling the Laurel. The flowers vary from salmon pink to peach and flower over a long period. Valuable as a pot plant, attaining a height of 12 in. Likes heat, germinates best at from 70 to 80 degrees and under these conditions seed will germinate in three to seven weeks.

50 seeds, **$2.00;** 100 seeds, **$3.50;** 200 seeds, **$6.00;** 500 seeds, **$13.00;** 1000 seeds, **$24.00.**

Cuphea

ANNUAL 7,000 seeds oz. 65-75° 2-3 weeks

★**Firefly.** A free-blooming semi-dwarf compact growing annual of deep rosy-scarlet. Makes an attractive spring pot plant.

1/16 oz., **50c;** ⅛ oz., **85c;** ¼ oz., **$1.35;** ½ oz., **$2.40;** oz., **$4.00.**

Cynoglossum

ANNUAL 5,300 seeds oz. 68° 2-3 weeks

★**Firmament.** A dwarf type of the Chinese Forget-me-not. 15 to 18 in. tall, bushy, of a rich blue color.

¼ oz., **40c;** ½ oz., **70c;** oz., **$1.35;** 4 oz., **$4.00.**

Dahlia

See page 20

Discounts on Flower and Vegetable Seeds Only

Cash or C.O.D. Under $10.00 net.
$10.00 to 25.00, 5%; 25.00 to 100.00, 8%; 100.00 to 300.00, 10%; 300.00 to 500.00, 12%; 500.00 to 750.00, 14%; 750.00 and up, 20%.

Charge Orders. If paid within 30 days from date of invoice: Under $10.00, net; 10.00 to 25.00, 2%; 25.00 to 100.00, 5%; 100.00 to 300.00, 8%; 300.00 to 500.00, 10%; 500.00 to 750.00, 12%; 750.00 and up, 18%.

CYCLAMEN BINNEWIES STRAIN
(Persicum Giganteum)

ANNUAL 2,500 seeds oz. 68° 3-4 weeks

Many years of selection has gone into this fine strain of Cyclamen which we are pleased to again offer the American Grower. A truly outstanding strain by a leading European specialist.

Sow seed ¼ to ½ inch deep. Maintain a temperature of 60-65 degrees until seed has germinated. When seedlings appear crowded, transplant to 3 inch pots or space 3x3 in. flats. Then shift to 4, 5 or 6 inch pots and grow through summer in a shaded ventilated area. Shift September 10 for Christmas plants. Grow on at 50 degrees. Recommended sowing dates, September to November to flower approximately 15 months after sowing.

Bonfire. Brilliant salmon
Bright Red
Dark Blood Red
Lavender
Pink Pearl. (Mozart). Salmon pink
Pure Rose (Deep Pink)
Pure White
Ruffled White
Ruffled Mixed
Saffron Red Silver Edge
Salmon Scarlet (America Improved—Orange Beauty)
Salmon-Rose Improved
Salmon Dark (Glory of Wandsbek or Pearl of Zehlendorf)
Salmon Light (Rose of Zehlendorf)
Soft Rose with Carmine Eye (Improved Rosa von Marienthal)
Victoria Improved. Fringed flowers of palest salmon with a deeper salmon-red eye.
White with Carmine Eye
White Fringed

Each of the above: 100 seeds, **$2.75;** 1000 seeds, **$22.00.**

Vaughan's Florist Mixture.
100 seeds, **$2.20;** 1000 seeds, **$17.00.**

Vogt's Double Cyclamen

This strain comes about 80% true from seed.

Double Mixed. All colors. 100 seeds, **$3.75;** 250 seeds, **$7.75;** 500 seeds, **$14.00.**

Cyclamen

PERENNIAL 4,000 seeds oz. 68° 3-4 weeks

Europaeum. An outstanding rock garden plant. Blooms in July or August. The flowers are fragrant and usually of a deep rose color. Requires rich humus soil that is well drained. Seed germinates irregularly. Leaflet on culture furnished with seed.
100 seeds, **$1.10;** 250 seeds, **$2.45;** 500 seeds, **$4.50.**

Daisy Shasta

PERENNIAL 25,000 seeds oz. 68° 2-3 weeks

Alaska. Best white, American-grown. 40 in.
⅛ oz., **30c;** ¼ oz., **45c;** ½ oz., **80c;** oz., **$1.40;** 4 oz., **$4.25;** lb., **$12.00.**

★**G. Marconi Reselected** (Giant Double Shasta) In our opinion the finest of the Double Shasta Daisies. Long stems, free flowering. Blooms averaging better than 6 inches in diameter. Excellent cutflower.
1/32 oz., **55c;** 1/16 oz., **$1.00;** ⅛ oz., **$1.75;** ¼ oz., **$3.00;** ½ oz., **$5.40;** oz., **$9.00;** 4 oz., **$27.00.**

Gloriosa Daisy

ANNUAL 51,500 seeds oz. 68-86° 2-3 weeks.

Best used and treated as an Annual, this hardy perennial withstands the heat of summer and the zero weather of winter. Excellent for mass displays in the semi-tall border and a fine cutflower.

Double Gloriosa Daisy (Rudbeckia). (All America Silver Medal 1961). Rich golden-yellow double and semi-double flowers, up to 4½ inches across, a profuse bloomer on strong stems. When fully opened the rich dark velvety center provides a brilliant color contrast. We offer Originator's Seed Only. 3 ft.
1/16 oz., **60c;** ⅛ oz., **$1.10;** ¼ oz., **$2.00;** ½ oz., **$3.60;** oz., **$6.00.**

Single Gloriosa Daisy. Giant blooms of bright yellow, rich mahogany and vivid bicolors in many patterns that include golden orange and gold, mahogany and bronze as well as mahogany and gold. A contrasting dark velvety center sets off the long broad petals.
1/16 oz., **45c;** ¼ oz., **$1.35;** ½ oz., **$2.45;** oz., **$4.00.**

Dahlborg Daisy

ANNUAL 2,100 seeds oz. 68°

Slow and uneven to germinate.

An attractive dwarf border annual covered with small yellow daisy-like flowers. Early, free flowering. 6 in.
1/32 oz., **75c;** 1/16 oz., **$1.25;** ⅛ oz., **$2.25;** ¼ oz., **$4.00;** ½ oz., **$7.20;** oz., **$12.00.**

Didiscus

ANNUAL 10,000 seeds oz. 68° 2-3 weeks

Coeruleus. (Lavender Lace Flower). Light blue-lavender flowers freely produced on good stems. For spring forcing or grown outdoors in cool climates. 2 ft.
⅛ oz., **35c;** ¼ oz., **60c;** ½ oz., **$1.05;** oz., **$1.80;** 4 oz., **$5.50.**

SHASTA DAISY MARCONI RESELECTED

Dusty Miller

ANNUAL Seeds, see below 68-86° 2-4 weeks

Centaurea Candidissima (Dusty Miller). (7,500 seeds per oz.) White leaved for bedding. 6 in.
⅛ oz., **70c;** ¼ oz., **$1.25;** oz., **$4.00;** 4 oz., **$12.00.**

Gymnocarpa. (7,500 seeds per oz.) (Tall Dusty Miller). The fern-leaved variety with silvery soliage. 24 in.
⅛ oz., **40c;** ¼ oz., **70c;** ½ oz., **$1.25;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Cineraria Maritima Diamond (Candicans). (20,000 seeds oz.) (Dusty Miller). Considered the finest of the dwarf Dusty Millers. Compact, even growth, glistening white foliage.
⅛ oz., **40c;** ¼ oz., **70c;** ½ oz., **$1.25;** oz., **$2.00;** 4 oz., **$7.25;** lb., **$27.00.**

Delphinium

See Page 20

Dicentra (Dielytra)

PERENNIAL Seeds, see below.

For best germination results, recommend storing seed in damp sand at a temperature below 40° fahrenheit for 6 weeks and then make seed sowing.

Eximia. (Plumy Bleeding Heart). (16,000 seeds per oz.) Dwarf. 12 in.
1/16 oz., **50c;** ⅛ oz., **90c;** ¼ oz., **$1.50;** ½ oz., **$2.70;** oz., **$4.50.**

Spectabilis. (Bleeding Heart). (6,000 seeds per oz.) 32 in.
1/64 oz., **$1.50;** 1/32 oz., **$2.50;** 1/16 oz., **$4.50;** ⅛ oz., **$8.00.**

Dictamnus

PERENNIAL 1,700 seeds oz. Frost germinator.

Recommend using same treatment as you do Dicentra.

Fraxinella. (Gas Plant). Pink flowers with dark veins, 30 in.
¼ oz., **75c;** ½ oz., **$1.35;** oz., **$2.00;** 4 oz., **$6.00.**

Digitalis (Foxglove)

PERENNIAL 200,000 seed oz. 68-86° 2-3 weeks

Shirley Hybrids. Mixed. Enormous flowers, rich mixture, 6 to 7 ft.
1/16 oz., **35c;** 1/8 oz., **55c;** 1/4 oz., **75c;** 1/2 oz., **$1.35;** oz., **$2.50;** 4 oz., **$7.50.**

Excelsior Mixed. The florets are carried at right angles to the stem and so reveal the full effect of the rich markings. A blend of unusual shades. 4-5 ft.
1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.20;** 1/2 oz., **$2.15;** oz., **$3.60;** 4 oz., **$10.80.**

Dimorphotheca

ANNUAL 10,000 seeds oz. 68° 2-3 weeks

Aurantiaca New Hybrids. 1/4 oz., **50c;** 1/2 oz., **90c;** oz., **$1.50;** 4 oz., **$4.50.**

★**Glistening White.** 6 to 8 in. The petals of the daisy-like flower, 4 inches in diameter, glisten like white enamel. They are borne freely low, spreading plants, like hot sun and dry weather and flower long after frost.
1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.20;** 1/2 oz., **$2.15;** oz., **$3.60.**

Dolichos

ANNUAL CLIMBER 148 seeds oz. 68° 6 to 8 days

Rapid growing vine with large leaves and violet-purple or white flowers in pea-like spikes.

Mixed. Purple and white. 10 ft. Oz., **50c;** 4 oz., **$1.50;** lb., **$4.00.**

Doronicum (Leopard's Bane)

PERENNIAL 18,000 seeds oz. 68° 2-3 weeks

An exceedingly satisfactory spring flowering perennial of much beauty. The large daisy like flowers are fine for cutting.

Caucasicum Magnificum. Gerbera like flowers of clear yellow. Height 2 ft.
1/16 oz., **$1.40;** 1/8 oz., **$2.50;** 1/4 oz., **$4.50.**

Dracaena

ANNUAL Seeds, see below. 86° 3-4 weeks

Indivisa. Narrow leaved.

In the Hull. (1,500 seeds per oz.) 1/4 oz., **40c;** 1/2 oz., **70c;** oz., **$1.20;** 4 oz., **$3.60;** lb., **$10.75.**

Clean Seed. (2,500 seeds per 1/4 oz.).
1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Echinops

PERENNIAL 650 seed heads per oz. 68-86° 1-4 weeks

Ritro. (Globe Thistle). Showy thistle like plants with globular heads of deep metallic blue flowers, which can be dried as everlastings.
1/4 oz., **$1.10;** 1/2 oz., **$1.95;** oz., **$3.30;** 4 oz., **$10.00.**

Escholtzia (California Poppy)

ANNUAL 15,000 seeds oz. 68° 2-3 weeks

Mission Bells Mixed. Exquisitely formed semi-double and double flowers on dwarf compact plants. A beautiful and complete range of color from delicate pastels to deep red, including two-toned combinations. 6 in.
1/4 oz., **50c;** 1/2 oz., **90c;** oz., **$1.50;** 4 oz., **$4.50.**

EXACUM AFFINE

Euphorbia

ANNUAL Seeds, see below. 68-86° 2-3 weeks

Heterophylla (Mexican Fire Plant) (Summer Poinsettia). (5,300 seeds per oz.) 3 ft. Upper leaves blotched red.
1/8 oz., **40c;** 1/4 oz., **65c;** 1/2 oz., **$1.15;** oz., **$2.00;** 4 oz., **$6.00.**

Variegata (Snow-on-the-Mountain). (2,500 seeds per oz.). Foliage edged white and green. 2 ft.
1/4 oz., **35c;** 1/2 oz., **60c;** oz., **$1.00;** 4 oz., **$3.00.**

PERENNIAL 8,700 seeds oz. 68-86° 2-3 weeks

Polychroma. The flowers are bright yellow changing to a rosy bronze. 15 to 18 in.
1/32 oz., **$1.40;** 1/16 oz., **$2.50;** 1/8 oz., **$4.25;** 1/4 oz., **$7.50;** 1/2 oz., **$11.25;** oz., **$22.50.**

Exacum

ANNUAL 15,000 seeds 1/64 oz. 68-86° 2-3 weeks

Affine. An excellent greenhouse pot plant with sweetly scented bright mauve flowers. Can be flowered in 6 months from sowing. 9 in.
Trade pkt. (2,000 seeds), **$1.25;** 1/128 oz., **$3.20;** 1/64 oz., **$6.00.**

Flame Violets (Episcia Mixture)

ANNUAL 750,000 seeds oz. 85° 3-4 weeks

An attractive and interesting pot plant. Brilliantly colored foliage ranging from deep shiny green through soft hairy brown, brown veined with green or silver to silver with rust markings. The flower colorings are bright and will show rich shades of red, orange-red and scarlet, as well as a fringed white. Easily grown, seed germinates readily. Handle as you would Gloxinia or African Violets.
50 seeds, **$1.75;** 100 seeds, **$3.00;** 200 seeds, **$5.00;** 500 seeds. **$10.00.**

Freesias

ANNUAL 3,000 seeds oz. 54° 4-6 weeks

Sow seed in cold frame in the middle of May, covering with sash for about three weeks or until plants are up, gradually removing sash so plants become accustomed to air. The bulbs can be lifted by the middle of September. They will bloom in January.

Rainbow Hybrids. Colored varieties.
1/16 oz., **80c;** 1/8 oz., **$1.45;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$7.50.**

Vaughan's De Luxe Mixture. Extra large blooms in a complete range of color and color combinations. Good stems for cutting.
1/16 oz., **$1.10;** 1/8 oz., **$2.00;** 1/4 oz., **$3.60.**

Fuchsia

ANNUAL 70,000 seeds oz. 68-86° 4-6 weeks

Superb Mixture. An outstanding mixture of double and single varieties.
250 seeds, **$3.50;** 500 seeds, **$5.50;** 1,000 seeds, **$10.00.**

Gaillardia

ANNUAL 15,000 seeds oz. 68° 2-3 weeks

Easily grown annual, mostly bicolored blooms, in various shades of yellow, orange, red and maroon.

★**Sunshine.** Harmonious blend of colors ranging from almost self red with but slight, though sharply contrasting yellow tipping, some flowers are a pure self yellow. Fully double blooms on stiff stems. 2 1/2 ft. tall.
1/8 oz., **45c;** 1/4 oz., **75c;** 1/2 oz., **$1.35;** oz., **$2.50;** 4 oz., **$7.50.**

Gaillardia Grandiflora

PERENNIAL 10,000 seeds oz. 68° 2-3 weeks

Reliable hardy perennials with bright bicolored blooms averaging 2 1/2 to 3 1/2 inches in diameter.

★**Burgundy.** Self colored wine-red flowers, 2 1/2 inches in diameter, on long stiff stems, from June until fall. Comes 60% to 70% true, 30 in.
1/8 oz., **45c;** 1/4 oz., **75c;** 1/2 oz., **$1.35;** oz., **$2.50;** 4 oz., **$7.50.**

Dazzler. (Portola Hybrids). Large flowers of bright golden yellow with a brilliant scarlet copper hued center. A strikingly brilliant contrast in color. Excellent for cutting. 3 ft.
1/8 oz., **35c;** 1/4 oz., **60c;** 1/2 oz., **$1.10;** oz., **$2.00;** 4 oz., **$6.00.**

Goblin. Very compact globular plants, red and yellow bicolor.
1/8 oz., **45c;** 1/4 oz., **75c;** 1/2 oz., **$1.35;** oz., **$2.50;** 4 oz., **$7.50.**

Monarch Strain. A robust strain very varied in coloring and with flowers of giant size and perfect form.
1/8 oz., **35c;** 1/4 oz., **60c;** 1/2 oz., **$1.10;** oz., **$2.00;** 4 oz., **$6.00.**

Sun. Rich sun-gold yellow flower on long strong stem. Flowers average 4 inches across. A good cutflower strain.
1/8 oz., **35c;** 1/4 oz., **60c;** 1/2 oz., **$1.10;** oz., **$2.00;** 4 oz., **$6.00.**

Geraniums

ANNUAL 6,200 seeds oz. 54-90° 1-6 weeks

Slow and uneven to germinate. Sow early for Summer blooms.

Zonale Large Flowering Mixed. Single large flowers in a wide range of color. This seed will germinate irregularly in from 14 days to two months. The plants may be lifted as they reach suitable size, but the seed box should not be disturbed until germination has ceased.
1/16 oz., **90c;** 1/8 oz., **$1.60;** 1/4 oz., **$3.00;** 1/2 oz., **$5.40;** oz., **$9.00;** 4 oz., **$27.00.**

Gerbera

See Page 22

GEUM

Geum

PERENNIAL 7,000 seeds oz. 68-86° 3-4 weeks

Winter-hardy with some protection, these fine perennials are excellent cutflowers.

Lady Stratheden. (Golden Ball). The blooms are large double rich golden yellow. 2 ft.
1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.25;** 1/2 oz., **$2.25;** oz., **$3.50;** 4 oz., **$10.00.**

Mrs. Bradshaw. Large double fiery orange red. 2 ft.
1/8 oz., **50c;** 1/4 oz., **80c;** 1/2 oz., **$1.50;** oz., **$2.90;** 4 oz., **$9.00.**

Globe Amaranth

ANNUAL 5,500 seeds oz. 68-86° 2-3 weeks

GLOBOSA. A showy garden annual, the taller varieties make excellent cutflowers, either dried for winter bouquets or as fresh flowers. Does well in hot, dry locations.

Rubra (red-purple). 18 in.
1/4 oz., **50c;** 1/2 oz., **90c;** oz., **$1.50;** 4 oz., **$4.50.**

Mixed. Includes red-purple, orange, white and pink.
1/4 oz., **35c;** 1/2 oz., **60c;** oz., **$1.00;** 4 oz., **$3.00;** lb., **$9.00.**

Buddy (Dwarf). Excellent for pot plants and edging. Uniform ball shaped plants 5 inches tall with vivid purple blooms.
1/4 oz., **65c;** 1/2 oz., **$1.15;** oz., **$2.20;** 4 oz., **$6.50.**

Gloxinia

See Page 22

Godetia

ANNUAL 46,000 seeds oz. 68° 2-3 weeks

Plant in rather poor soil. They thrive in cool weather under moist conditions. Treat these as suggested for Clarkia.

Tall Double Grandiflora

Mixed. Gladiolus-like flowers in long trusses; excellent for cutting. 2 ft.
1/4 oz., **40c;** 1/2 oz., **70c;** oz., **$1.20;** 4 oz., **$3.50.**

Ornamental Gourds

An increasingly important addition to the florists' list, as evidenced by the demand in retail stores. Cultural directions and instructions for preparing the fruit with each order if asked for at time of ordering.

Small Fruited

ANNUAL 500 seeds oz. 68-86° 2-3 weeks

Apple-Shaped.
Bottle, Miniature.
Crown of Thorns.
Flat Striped. Green and white stripes.
Nest Egg. Practical nest eggs.
Orange. The well-known Mock Orange.
Pear-Shaped. Green and white.
Pear-Shaped. White.
Pear-Shaped. Striped yellow and green.
Spoon. Small ball-shaped fruit with slender neck, deep orange.
Warted Sorts Mixed.
Small Fruited Varieties Mixed.
Each of the above: 1/2 oz., **50c;** oz., **90c;** 4 oz., **$2.70;** lb., **$8.00.**

Large Fruited

ANNUAL 150 seeds oz. 68-86° 2-3 weeks

Bottle. Large. The original Thermos bottle. Makes fine bird houses.
Dipper. Fruit makes an excellent dipper.
Hercules Club. Fruits average 3 to 4 ft. in length.
Turk's Turban. Ornamental, brightly colored.
Large Fruited Sorts Mixed.
Each of the above 5: 1/2 oz., **50c;** oz., **90c;** 4 oz., **$2.70;** lb., **$8.00.**

Dish Cloth. The spongy-like, porous pulp may be dried and used as a sponge.
1/2 oz., **80c;** oz., **$1.50;** 4 oz., **$4.50;** lb., **$13.50.**

Vaughan's Special Mixture. All shapes and sizes of these interesting fruits so fashionable for ornaments, bird houses and utensils, are included in this mixture.
1/2 oz., **70c;** oz., **$1.20;** 4 oz., **$3.60;** lb., **$11.00.**

Grevillea

ANNUAL 3,000 seeds oz. 68-86° 2-3 weeks

Robusta (Silk Oak). Excellent fern-like foliage plant for combination pots and baskets. For winter sales in 2 1/4 inch pots, sow in August-September and grow on at 60 degrees. Well grown single specimens make fine pot plants.
1/8 oz., **75c;** 1/4 oz., **$1.25;** 1/2 oz., **$2.25;** oz., **$4.00;** 4 oz., **$12.00;** lb., **$45.00.**

Hearts and Honey Vine

ANNUAL 900 seeds oz. 68-86° 2-3 weeks

The flowers are 2 inches across and 2 inches deep, changing in color from pinkish orange to rose pink in a single day. Jaggedly cut leaves of deep clear green. Long season of bloom.
1/4 oz., **90c;** 1/2 oz., **$1.60;** oz., **$2.70.**

Helianthus

ANNUAL 650 seeds oz. 68-86° 2-3 weeks

Sun Gold (Sunflower). 4 to 5 ft. Brilliant golden yellow, full-double Chrysanthemum-like flowers. Free blooming. Excellent for cutting.
1/4 oz., **35c;** 1/2 oz., **60c;** oz., **$1.00;** 4 oz., **$3.00;** lb., **$9.00.**

Gypsophila

ANNUAL 25,000 seeds oz. 68° 2-3 weeks

An easily grown, free flowering annual. Most desirable for cutting.

★**Elegans Grandiflora White. Special Florist strain.** Oz., **30c;** 4 oz., **85c;** lb., **$2.50;** 5 lb., **$10.00.**

PERENNIAL 34,000 seeds oz. 68° 2-3 weeks

One of the daintiest of flowers. Blooms all summer. The taller sorts make fine cutflowers while the dwarf varieties are excellent for edgings or use in the rock garden.

Paniculata White. Small single white flowers in great profusion, useful for cutting. 40 in.
1/4 oz., **35c;** 1/2 oz., **60c;** oz., **$1.00;** 4 oz., **$3.00;** lb., **$9.00.**

Snow-White Double. Pure white double strain. 2 ft.
1/16 oz., **50c;** 1/8 oz., **90c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$5.00.**

Repens Rosea × Pink flowers. Good rock or border plant.
1/8 oz., **45c;** 1/4 oz., **80c;** 1/2 oz., **$1.45;** oz., **$2.70.**

Helianthemum

PERENNIAL 15,000 seeds oz. 68-86° 2-3 weeks

Mutabile × Mixed Colors. (Rock Rose). Low-growing evergreen plants forming large clumps, completely covered with bloom during July and August. 8 to 12 in.
1/8 oz., **35c;** 1/4 oz., **60c;** 1/2 oz., **$1.05;** oz., **$1.80.**

HELICHRYSUM DOUBLE MIXED

Helichrysum

ANNUAL 45,000 seeds oz. 68-86° 2-3 weeks

Most widely used for drying and winter bouquets. The popular double Strawflower.

Double Mixed. Our own formula blend. Includes all the most popular colors.
1/4 oz., **40c;** 1/2 oz., **75c;** oz., **$1.40;** 4 oz., **$4.20.**

NOW! Get Vaughan's Salesmaking PLASTIC GLAMOUR TAGS

All the information a retail customer needs to convince her she should buy *your* plants is printed on these tags: variety name, color, height, whether for border or background use.

5 INCH TAGS AT ONLY 60¢ per 100 WITH PURCHASE OF FLOWER SEED

80 Varieties to Choose from at this Low Price of 6/10¢ each

Bought Separately, Tags Cost 83¢ per 100

Why stop with the growing of healthy, attractive stock? Why not follow through with the merchandising support that brings faster sales at better prices and results in greater profits? These tags are a vital part of that modern marketing effort!

Plastic tags shown at left full size: 5 in. high. They are made by injection molding to provide a smooth eggshell finish perfect for writing on or hand-stamping. White plastic with Black lettering. Sturdy, long-lasting, resistant to weather, soil and chemicals. None finer available at any price . . . and you get them at cost!

TAGS FOR 80 VARIETIES BELOW SHIPPED IMMEDIATELY FROM STOCK

40 INSTANT GLAMOUR VARIETIES

AGERATUM Blue Mink
ALYSSUM Carpet of Snow
ASTER Dwarf Queen Mixed
BALSAM Color Parade
CELOSIA Fireglow
COLEUS Vaughan's
  Rainbow Mixture
DAHLIA Dwarf Exhibition Mixed
IMPATIENS Baby Mixed
MARIGOLD Climax Mixed
  Dwarf Master Blend
PETUNIA F-1 Aristocrat Improved
  Calypso
  Capri
  Pink Desire
  Red Ensign
  Coral Satin
  Dawn Satin
  Pink Satin
  Red Satin
  Star Trophy
  Sugar Plum
  White Satin
PETUNIA All Double Master Blend
PHLOX Dwarf Master Blend
PORTULACA Double Mixed
SALVIA St. John's Fire
  Evening Glow
SNAPDRAGON F-1 Sunrise Mixed
  Rocket Mixed
  Floral Carpet Mixed
VERBENA Dwarf Master Blend
ZINNIA Pink Buttons
  F-1 Bonanza
    Firecracker
  Thumbelina
PEPPER Vaughan's Hybrid
  Yolo Wonder
TOMATO Burpee Big Boy
  Early Giant Hybrid
  Tiny Tim

40 OTHER POPULAR VARIETIES

ASTER Giant Branching Mixed
CELOSIA Toreador
DELPHINIUM Round Table Series
MARIGOLD Double Eagle
  Doubloon
  Sovereign
  Petite
  Spry
PANSY Swiss
PETUNIA F-1 Blue Lace
  Blue Magic
  Comanche Improved
  Fandango
  Glitters
  Maytime
  Pink Cascade
  Red Cascade
  Sugar Daddy
  White Cascade
  White Magic
PETUNIA DOUBLE Cardinal
  Cherry Tart
  Gaiety
  Lyric
  Sonata
SALVIA America
  Dwarf Red
  Tall Red
SNAPDRAGON Tall Mixed
VINCA Bright Eye
  Little Pinkie
ZINNIA California Giants
  Dahlia Flowered
  Giant Cactus
BROCCOLI
BRUSSEL SPROUTS
CABBAGE Copenhagen
  Market Select
  Golden Acre
CAULIFLOWER
TOMATO Vaughan Early Hybrid

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SPECIAL OFFER:
With purchase of Flower or Vegetable seed, 5-in. Glamour Tags are only 60¢ per 100 in lots of 100 or more!

PRICES OF GLAMOUR TAGS PURCHASED SEPARATELY

Size	Plain per 1000	Printed per 100	Printed per 1000
4 in.	$3.95	73¢	$6.50
5 in.	4.80	83¢	7.50
6 in.	5.50	93¢	8.50

Orders totaling 10,000 or more tags take the 1,000-rate on all tags even though you order less than 1,000 of any one variety. Minimum order on Plain Tags is 1,000 per size. ALL PRICES POSTPAID.

Celosia

ANNUAL 29,000 seeds oz. 68-86° 1-2 weeks
One of the finest and most colorful annuals for spring plant sales. Avoid pre-mature bloom with small flower heads by making seed sowing not sooner than 6 weeks before planting out time. Grow warm—suggest 60° nights.

PLUMOSA. The plumed or feathery type with spire-like branches coming from the base of the plant. The taller strains are useful cutflowers in late summer. Dwarf sorts are outstanding for their brilliance in the garden border where a striking effect is desired.

Forest Fire. Plumes of brilliant fiery orange-scarlet in striking contrast to the bronzy red foliage. Uniform habit, very showy. 2½ ft.

Golden Fleece. Clear golden yellow feathery spikes on bood stems.

Scarlet Plume. Bright scarlet-red. Very colorful.

Each of the above 3: 1/16 oz., **50c;** ⅛ oz., **90c;** ¼ oz., **$1.35;** ½ oz., **$2.40;** oz., **$4.00.**

Thompsoni Magnifica Mixed. (Pride of Castle Gould Mixed.) ⅛ oz., **45c;** ¼ oz., **70c;** ½ oz., **$1.25;** oz., **$2.20;** 4 oz., **$6.00.**

DWARF FEATHER VARIETIES. An outstanding bedding plant where dwarf, strong color accent is wanted. For combinations, and pots. Very striking. 12 in.

Fire Feather. Fiery red plumes.

Golden Feather. Rich golden yellow plumes.

Feather Mixture. Our own formula blend of the above.

Each of the above 3: 1/16 oz., **50c;** ⅛ oz., **75c;** ¼ oz., **$1.40;** ½ oz., **$2.50;** oz., **$4.40.**

CRISTATA. The popular Cockscomb type. Use the taller varieties as cutflowers, either fresh or dried. The dwarfs make nice pot plants.

Fireglow. Immense globular combs of brilliant cardinal red. Clean green foliage accents the rich red tone. Base branching, one large comb on an extra heavy stem is usual. Very effective in mass displays or as a cutflower. (Bronze Medal. 1964 All America selections.) 24 in. 1/128 oz., **$1.25;** 1/64 oz., **$2.40;** 1/32 oz., **$3.75;** 1/16 oz., **$6.50;** ⅛ oz., **$11.50;** ¼ oz., **$20.00;** ½ oz., **$32.50;** oz., **$60.00.**

Jewel Box. A bright mixture. Dwarf compact plants, large comb-like flowers, lush green foliage. Plants bloom when a couple inches high. Ideal for early flat sales, combinations or in the garden border. 1/64 oz., **$1.00;** 1/32 oz., **$1.80;** 1/16 oz., **$3.25;** ⅛ oz., **$5.85;** ¼ oz., **$11.00;** ½ oz., **$20.00;** oz., **$33.00.**

Empress. Crimson combs, dark foliage. 12 in. ⅛ oz., **45c;** ¼ oz., **70c;** ½ oz., **$1.25;** oz., **$2.50;** 4 oz., **$7.50.**

Toreador. Large combs of bright red with scarlet highlights. Stiff stems, bright green foliage. For bedding or cutting. 18-20 in.
1/16 oz., **60c;** ⅛ oz., **$1.00;** ¼ oz., **$1.75;** ½ oz., **$3.15;** oz., **$5.00;** 4 oz., **$15.00.**

Tall Sorts, Mixed. ⅛ oz., **35c;** ¼ oz., **50c;** ½ oz., **90c;** oz., **$1.50;** 4 oz., **$4.50.**

Dwarf Sorts. Extra choice mixed.
⅛ oz., **45c;** ¼ oz., **70c;** ½ oz., **$1.25;** oz., **$2.50;** 4 oz., **$7.50.**

CELOSIA FIREGLOW

CINERARIA VAUGHAN'S MASTER BLEND

Cineraria

ANNUAL 6,000 seeds 1/32 oz., 68° 2-3 weeks
A January sowing will provide nice 3 inch plants in May for combination work. For best results do not pinch.
CAUTION: Do not use soil in which Mums have been grown, particularly if your Mum planting was affected with Verticillium wilt or Seidewitz disease. Soil-borne fungus such as these will quickly attack your Cineraria causing the lower leaves to wilt and die and then gradually kill the entire plant. Steam sterilization of soil is important and as a prevention we recommend the use of new field soil from seed flats to finished pot.

Vaughan's Master Blend. A new strain in a complete range of solid colors, all without eyes, rich red tones predominating. Dense flower head, dwarf compact plant, 12 to 14 inches in height. 1/128 oz., **$1.85;** 1/64 oz., **$3.30;** 1/32 oz., **$6.00;** 1/16 oz., **$10.80.**

Cremer's Prize Mixture. Re-selected. Somewhat taller and larger flowered than Multiflora Nana. 1/128 oz., **$1.75;** 1/64 oz., **$2.75;** 1/32 oz., **$5.00;** 1/16 oz., **$9.00** ⅛ oz., **$16.00.**

Gold Center. (Multiflora Nana). The golden yellow stamens make a wonderful contrast with the blues, reds and pinks of the flowers. Good shipper. 1/128 oz., **$1.75;** 1/64 oz., **$2.75;** 1/32 oz., **$5.00.**

Cremer's Prize Strain and Siter's Rainbow Strain. In equal proportions. 1/128 oz., **$1.75;** 1/64 oz., **$2.75;** 1/32 oz., **$5.00.**

Siter's Rainbow Strain Mixed. Immense flower heads of medium large flowers ranging from bright eyed types to finer pastel shades. Compact growth with small leaves. Earlier than Cremer's 1/128 oz., **$1.50;** 1/64 oz., **$2.50;** 1/32 oz., **$4.50;** 1/16 oz., **$8.00.**

Siter's Hybrids. A distinct improvement over the original strain. A new group of Cineraria Hybrids blended for perfect combination of colors, ranging from bright-eyed types through the finer pastel shades. Large flower heads with medium, large individual flowers. (Originator's Packet). Seed for 500 plants, **$5.00.**

Grandiflora Dwarf Mixed. Excellent strain in a fine range of color. 1 ft. 1/128 oz., **$1.75;** 1/64 oz., **$2.75;** 1/32 oz., **$5.00.**

Vaughan's Rainbow Coleus

COLEUS RAINBOW MASTER BLEND

ANNUAL 3,500 seeds 1/32 oz. 68-86° 2-3 weeks

There is a marked increase in the demand for this brilliantly colored, always popular foliage plant. Much used in combinations, the Coleus has proven its value as a bedding plant in shady locations. Our strain contains the brightest color selections and is grown for us by a specialist who understands the need of the most critical grower. All our seed is Greenhouse Grown.

Coleus are easily grown from seed. 3-inch pot plants are ready in 3 months or less, when grown at 65 degrees. Give full sun in winter and light shade in spring in the greenhouse. When grown as a pot plant in the house, plants should be grown in a sunny window. In the garden it thrives in either partial or full shade.

To preserve the brilliant color tones, remove flower buds as they form. Valuable as a pot plant or for use in combination or in shady or semi-shady locations.

Coleus Rainbow Master Blend. An unusually bright assortment of color. Formula blended from separate colors, it contains none of the dark unattractive shades. 1/128 oz., **$1.75;** 1/64 oz., **$2.75;** 1/32 oz., **$5.25;** 1/16 oz., **$10.00;** 1/8 oz., **$18.00;** 1/4 oz., **$32.00;** 1/2 oz., **$58.00;** oz., **$105.00.**

VELVETY RAINBOW

GOLDEN RAINBOW

SCARLET RAINBOW

CANDIDUM

PINK RAINBOW

RED RAINBOW

Coleus—The Brighest, Best-Selling Foliage Plants

Candidum. A striking combination. Brilliant green and soft cream. A showy plant for combinations; blends well with other colors.

Golden Rainbow. The rich old-gold under tone is flecked with green. Combined with red, it provides interesting contrast.

Pastel Rainbow. Soft shades of light salmon pink and pale green.

Pink Rainbow. Rich coral-pink shading to salmon. The small green border further emphasizes the bright color. Medium sized leaf.

Red Rainbow. Medium sized leaves of deep mahogany-red and bright carmine-rose edged green. A bright combination. Very showy.

Scarlet Rainbow. Brilliant scarlet-red with narrow green edge. Color brilliance is at its best when plants are of a size to use in combinations. Tends to darken as plants develop and grow larger.

Velvety Rainbow. Brilliant blood-red with deeper velvety overtone. This striking color causes much comment.

Above 7 Separate Colors, Each: 1/128 oz. **$1.75;** 1/64 oz., **$2.75;** 1/32 oz., **$5.25;** 1/16 oz., **$10.00;** 1/8 oz., **$18.00;** 1/4 oz., **$32.00;** 1/2 oz., **$58.00;** oz., **$105.00.**

Rainbow Mixture. Regular Strain. A good range of color but not so bright or richly colored as Vaughan's Rainbow Mixture. 1/128 oz., **75c;** 1/64 oz., **$1.25;** 1/32 oz., **$1.80;** 1/16 oz., **$3.25;** 1/8 oz., **$5.85;** 1/4 oz., **$10.50;** 1/2 oz., **$16.50;** oz., **$30.00.**

COLLECTION: 1/128 oz. each Candidum, Golden Rainbow, Pastel Rainbow, Pink Rainbow, Red Rainbow, Scarlet Rainbow, Velvety Rainbow—7 pkts. (1/128 oz. each) for **$11.00.**

Vaughan's Rainbow Mixture. Our **Greenhouse Grown Strain** combines a wide range of brilliant richly colored medium to large leaves with a plant that is vigorous yet of uniform compact habit. Rich yellows, pinks, reds in all color tones and shades. Ideal for combinations, shade plantings or use wherever a bit of bright color is desired. 1/128 oz., **$1.60;** 1/64 oz., **$2.60;** 1/32 oz., **$5.00;** 1/16 oz., **$9.00;** 1/8 oz., **$15.00;** 1/4 oz., **$27.00;** 1/2 oz., **$45.00;** oz., **$81.00.**

DAHLIA EXTRA DWARF Double Mixed

Dahlia

ANNUAL 3,000 seeds oz. 68-86° 2-3 weeks

Wide variation in colors and types makes Dahlias from seed interesting to grow. Easily grown from seed, they should be started in January for maximum first year bloom. The dwarf types are particularly adaptable to outdoor bedding while the Extra Dwarf Double Mixed and Unwin make fine pot plants.

Double Cactus-Flowered. Extra choice mixed. 1/8 oz., **$1.40;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$7.50;** 4 oz., **$22.50.**

Lilliput Mixed (Pompon). Small ball-shaped flowers in a wide range of color. Compact plants. A prolific bloomer. 3 ft. 1/8 oz., **$1.40;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz. **$7.50;** 4 oz., **$22.50.**

Large Flowering Double Mixed. Large flowers in a wide range of color. 1/8 oz., **45c;** 1/4 oz., **70c;** 1/2 oz., **$1.25;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Unwin's Dwarf Hybrids. Graceful double blooms in a wide range of color. A January sowing provides 3 and 4 inch flowering pot plants in May. For blooming plants in June, sow in March. 1/8 oz., **45c;** 1/4 oz., **75c;** 1/2 oz., **$1.35;** oz., **$2.50;** 4 oz., **$7.50;** lb., **$22.50.**

Extra Dwarf Double Mixed (Exhibition Strain). An extra dwarf early Dahlia. Color range includes soft pastels as well as rich shades of crimson, scarlet and bronze. Compact bushy plants. 20 in. 1/8 oz., **80c;** 1/4 oz., **$1.35;** 1/2 oz., **$2.40;** oz., **$4.00;** 4 oz., **$12.00.**

Be sure to include the **INSTANT GLAMOUR** varieties when placing your order for bedding plants. All are much in demand.

Delphinium

PERENNIAL 10,000 seeds oz. 54° 3-4 weeks

Pacific Giant Strain

Undoubtedly the finest strain yet introduced. Flowers of immense size, well set on strong, straight stems, do not shatter and highly mildew resistant. Delphinium like a well-drained soil, neutral in reaction. A January sowing in the greenhouse, planted out in early spring, will give a good cut that summer, with excellent production the following season.

Black Knight Series. Deep mid-night violet. The darkest of them all. Flowers of beautiful round form, with heavy velvety texture.

Blue Bird. A clear medium blue with white bee with huge tall spikes.

Blue Jay. Brilliant true medium blue with dark bee.

Cameliard Series. This is a pure lavender self, with white bee.

Galahad Series. Clear white of enormous size, flowers average three inches in diameter, heavy glistening texture.

Guinevere. Light pink lavender self with white bee.

King Arthur. Brilliant royal violet with large white bee.

Summer Skies. Clearest light blue with white bee.

Round Table Series. This represents all of the color combinations of the above Knights and their Ladies.

Originator's Strain (Vetterle & Reinelt). The originator's own fine selection of the above, bred for uniformity of habit and size of flower.

Each above 9: 1/16 oz., **$1.65;** 1/8 oz., **$3.00;** 1/4 oz., **$5.50;** oz., **$20.00.**

Regular Strain. Grown especially for us by a Delphinium specialist, one generation removed from Originator's.
Each above 9: 1/16 oz., **$1.40;** 1/8 oz., **$2.50;** 1/4 oz., **$4.50;** 1/2 oz., **$8.00;** oz., **$15.50.**

Pacific Giant Hybrids. A good blend. 1/8 oz., **$2.25;** 1/4 oz., **$4.00;** 1/2 oz., **$7.20;** oz., **$12.00;** 4 oz., **$35.00;** lb., **$105.00.**

Astolat Series

A mixture of novel shades ranging from pale blush through pink, rose and lilac, with dark bees. Size and quality compare favorably with other Pacific Giant Hybrids.

Originator's Strain.
1/16 oz., **$1.65;** 1/8 oz., **$3.00;** 1/4 oz., **$5.50;** oz., **$20.00.**

Regular Strain. One generation removed from Originator's. 1/16 oz., **$1.50;** 1/8 oz., **$2.75;** 1/4 oz., **$5.25;** 1/2 oz., **$9.45;** oz., **$18.00.**

Chinese Delphinium

ANNUAL 20,000 seeds oz. 60-70° 2-3 weeks

A lighter more airy plant than the large heavy Delphinium. Attractive in the perennial border, a useful cut flower. Sow well in advance of other bedding plants for good bloom. Plants frequently winter-over.

Blue Mirror. Having no spurs, the bright navy-blue flowers show most effectively by their vertical position. 1 1/2-2 ft. Blooms first year if sown early. 1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.25;** 1/2 oz., **$2.25;** oz., **$3.75;** 4 oz., **$11.25.**

Mixed. White, light blue and dark blue in just the right proportions. 3 ft. 1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

DELPHINIUM PACIFIC GIANTS

Delphinium Other Varieties

Blackmore and Langdon Strain, Mixed. Tall, graceful spikes covered with blooms. All the clear shades of blue with many delightful opaline variations, with bees of contrasting colors. 1/8 oz., **60c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Wrexham (Hollyhock) Strain Mixed. A blend of light and dark shades. Large florets on tapering spike of extraordinary length. 1/8 oz., **95c;** 1/4 oz., **$1.75;** 1/2 oz., **$3.15;** oz., **$6.00;** 4 oz., **$18.00.**

Belladonna Light Blue Improved. (Cliveden Beauty). Light blue, large-flowered, strong grower. 4 to 5 ft. 1/8 oz., **55c;** 1/4 oz., **90c;** 1/2 oz., **$1.65;** oz., **$3.20;** 4 oz., **$11.00;** lb., **$40.00.**

Bellamosum Improved. Large deep blue flowers, uniform in color with a white bee. 4 to 5 ft. 1/8 oz., **55c;** 1/4 oz., **90c;** 1/2 oz., **$1.65;** oz., **$3.20;** 4 oz., **$11.00;** lb., **$40.00.**

Lamartine. Flowers of rich, deep blue with pure white eye. Sturdy vigorous plant which blooms from June until frost. 5 ft. **True Stock.** 1/16 oz., **50c;** 1/8 oz., **90c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$4.50;** 4 oz., **$13.50.**

Sapphire. A rich blue distinct from Bellamosum in that it is slightly lighter in color with tiny center of golden pollen, definitely larger flowered with a brilliant sheen to the petals. The foliage is glossy dark green. 1/16 oz., **65c;** 1/8 oz., **$1.15;** 1/4 oz., **$2.00;** 1/2 oz., **$3.60;** oz., **$6.00.**

Dianthus Barbatus—Sweet William

PERENNIAL 28,000 seeds oz. 68° 2-3 weeks

Spicily fragrant flowers, dense clusters of brightly colored blooms. These perfectly hardy Sweet William bloom the second season from seed. At their best in early June.

Double Dwarf Midget Mixed. 1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$27.00.**

Giant Flowered Mixed. 1/8 oz., **35c;** 1/4 oz., **60c;** 1/2 oz., **95c;** oz., **$1.50;** 4 oz., **$4.50;** lb., **$13.50.**

Single Giant White. Enormous blooms, fine for cutting.
Homeland. Dark red, sharply defined clear white center.
Newport Pink. Salmon-pink.
Scarlet Beauty. Scarlet.
Mammoth Flowered Single Mixed.

Each of the above: 1/16 oz., **35c;** 1/8 oz., **60c;** 1/4 oz., **90c;** 1/2 oz., **$1.60;** oz., **$2.70.**

Indian Carpet (Single Dwarf Midget Mixed). Dense heads of single blooms, wide color range, compact plant. Use in the border or as a spring pot plant. 4 in. 1/16 oz., **50c;** 1/8 oz., **90c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$5.00;** 4 oz., **$15.00;** lb., **$45.00.**

Vaughan's Special Mixture. Our own blend of double and single varieties. 1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$27.00.**

DIANTHUS BARBATUS INDIAN CARPET

Dianthus Plumarius—Clove Pinks ×

Cyclops. Red Hybrids. 1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Spring Beauty. Double giant carnation-like flowers in a beautiful color range. Very fragrant. 1/16 oz., **50c;** 1/8 oz., **90c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$5.00;** 4 oz., **$15.00;** lb., **$54.00.**

Vaughan's Special Mixture. 1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.20;** 1/2 oz., **$2.15;** oz., **$3.60;** 4 oz., **$10.75.**

DIANTHUS BABY DOLL

Dianthus—Annual Pinks

ANNUAL 26,000 seeds oz. 68° 2-3 weeks
Showy free flowering annual for bedding, cutting and flats.

Baby Doll. (Heddewigii) An outstanding extra dwarf Dianthus. Well rounded flowers in a brilliant range of true Dianthus colors. Individual blooms often measuring 2 to 2 1/2 inches across. Outstanding in our Trials where it caused much comment. 6 to 8 in. 1/8 oz., **70c;** 1/4 oz., **$1.20;** 1/2 oz., **$2.15;** oz., **$3.60;** 4 oz., **$10.75.**

Bravo. Silver medal All America 1962. Brightest scarlet-red. Lightly fringed blooms averaging 1 1/2 inches across, carried well above the foliage. Plants are upright yet dwarf and compact. For edging and border. Start with early Petunias and have blooming plants for Spring sales. Grow some in Val Peat Pots for easy handling. We supply Introducer's seed. 1/32 oz., **90c;** 1/16 oz., **$1.65;** 1/8 oz., **$2.75;** 1/4 oz., **$5.00;** 1/2 oz., **$9.00;** oz., **$15.00;** 4 oz., **$45.00.**

Brilliant Mixed. Flowers of rich crimson, cerise, pink and white. 1/16 oz., **35c;** 1/8 oz., **60c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Westwood Beauty (Heddensis). Variable red shades. Large single bloom, long stem. Tolerant to heat. 1/8 oz., **40c;** 1/4 oz., **70c;** 1/2 oz., **$1.25;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Double Gaiety (Laciniatus). Brilliant colors that include salmon and rich red shades. 1/8 oz., **45c;** 1/4 oz., **75c;** 1/2 oz., **$1.35;** oz., **$2.50;** 4 oz., **$7.50.**

Sweet Wivelsfield. A hardy annual of wonderful colorings. The flowers are larger than Sweet William and borne in trusses. A cut flower of lasting quality and a fine bedding plant.
Single Mixed. 1/4 oz., **35c;** 1/2 oz., **60c;** oz., **$1.10;** 4 oz., **$3.30;** lb., **$10.00.**
Double Mixed. 1/8 oz., **40c;** 1/4 oz., **70c;** 1/2 oz., **$1.25;** oz., **$2.50;** 4 oz., **$7.50.**

Wee Willie (Annual Sweet William). An extra dwarf strain in rich shades of red. Flowers early and quickly, over a long season. For spring bedding plant sales (blooms in 6 to 8 weeks from seed). Plant thickly in garden border for best results. 3 in. 1/16 oz., **60c;** 1/8 oz., **$1.05;** 1/4 oz., **$1.80;** 1/2 oz., **$3.20;** oz., **$5.40;** 4 oz., **$19.00.**

Dianthus—Sorts

PERENNIAL 200,000 seeds oz. 68-86° 2-3 weeks

Deltoides (Maiden Pink). Brilliant carmine-rose small single flowers in great profusion, excellent low border plant. 9 in. 1/16 oz., **35c;** 1/8 oz., **60c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00.**

Loveliness. Wide color range and misty effect of petals provides a mass of color in the border. Fragrant. 1/64 oz., **80c;** 1/32 oz., **$1.45;** 1/16 oz., **$2.50;** 1/8 oz., **$4.50;** 1/4 oz., **$7.50.**

Best Rock Work Species Mixed ×. 1/16 oz., **60c;** 1/8 oz., **$1.00;** 1/4 oz., **$1.80.**

Heliotrope

ANNUAL 50,000 seeds oz. 68-86° 3-4 weeks
Will bloom from seed in four months.

★**Marine.** Large flower umbels, 12 to 15 in. across, of darkest navy blue with rich dark foliage. Early flowering and quick growing, it is especially recommended for bedding and pots. Very fragrant. 1 1/2 ft. 1/64 oz., **55c;** 1/32 oz., **$1.00;** 1/16 oz., **$1.65;** 1/8 oz., **$3.00;** 1/4 oz., **$5.00.**

Regale Dwarf Mixed. A fine mixture of dwarf sorts. 1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.10;** 1/2 oz., **$2.00;** oz., **$3.30.**

Helleborus

PERENNIAL 3,600 seeds oz.
For best germination results, store seed in damp sand at a temperature below 40 degrees fahrenheit for six weeks and then sow.

Niger. Christmas Rose. Seed germinates very slowly. 15 in. 1/8 oz., **70c;** 1/4 oz., **$1.20;** 1/2 oz., **$2.15;** oz., **$3.60.**

Hemerocallis

PERENNIAL A frost germinator.
For best results store seed in damp sand at a temperature below 40 degrees fahreheit for six weeks and then sow.

Peerless Blend. A mixture of high merit. Seeds saved from ten botanical species, also from the fine hybrid seedlings. This blend will give a wide color range of excellent Day Lilies. 100 seeds, **50c;** 500 seeds, **$2.50;** 1,000 seeds, **$5.00.**

Heuchera

PERENNIAL 750,000 seeds oz. 68-86° 2-3 weeks
Bell-shaped flowers about 1/2 inch long with prominent coral colored calyx.

Sanguinea Splendens. Bright scarlet-crimson, true. Excellent for cutting.

Hybrida Grandiflora Mixed. 30 in.

Each of the above 2: 1/64 oz., **65c;** 1/32 oz., **$2.00;** 1/16 oz., **$2.00;** 1/8 oz., **$3.50;** 1/4 oz., **$6.00;** 1/2 oz., **$10.80;** oz., **$18.00.**

Gerbera

PERENNIAL 7,250 seeds oz. 68° 2-3 weeks

Gerbera or Transvaal Daisy, a popular greenhouse cutflower. Sow seed in January or February to flower in September to May. Dust seed with chlordane to prevent pre-emergence insect damage. Sow on top of seed bed, ¼ to ½ inch apart, covering as lightly as possible with peat or a similar material. Hold only slightly moist for first four days and give heavy moisture thereafter. Germination begins in 7 to 9 days.

In from 4 to 6 weeks seedlings are of a size to prick off into 3 inch peat pots and at this time about ⅓ of the weaker seedlings are discarded. A second selection can be made when plants are benched in June. A steady 60 degree night temperature is recommended.

New Hybrids. A specialist's selection containing many full-duplexed flowers in a greatly improved range of color. This popular greenhouse forcing perennial is fine for cutting. Harvested at intervals during the year, new crop seed is always available.
100 seeds, **70c;** 500 seeds, **$3.00;** 1,000 seeds, **$5.50.**

Gloxinia Hybrida

ANNUAL 24,000 seeds 1/32 oz. 68-75°

Gloxinias are easily grown from seed. A December sowing (70° with no soil covering for best germination) carried through winter at 65° should result in good 4 and 5 inch blooming plants for June. Light shade recommended for winter, heavier shade as days become brighter. Water with care, never let plants dry out. A potting soil of ⅓ peat, ⅓ sand and ⅓ light organic soil suits the Gloxinia. Val-Peat and Jiffy Pots fit in fine here for the first transplanting.

★**Anja Egels.** Brilliant scarlet red. The flowers of good size are freely produced on compact plant. Flexible well-shaped leaf. Outstanding in that it is a solid color.

Marveille. White edged flowers of brilliant red, with flexible dark leaves. An "Improved Emperor Frederick."

Rose Sensation. Brilliant carmine rose with ivory throat, large flowers produced in abundance and flexible well shaped leaf make this one of the best. Originator's seed.

Swiss Emblem. (Hybrid Gigantea). Brilliant scarlet red with white margin. Originator's seed.

Each of the above 4: Trade pkt., **$1.50.**

Emperor Frederick. Dark scarlet, white margin.

Emperor William. Dark violet, white margin.

Spotted and Stained Choice Mixture.

French Hybrids. A mixture of the finest varieties.

Gigantea Finest Mixed. Superb class of giant size and rich colors.

★**Vaughan's Columbian Mixture.** Our **Formula Mixture.** From the choicest spotted, tigered, edged, marbled and splashed sorts of the upright and horizontal type.

Each of the above, 6: Trade pkt., (1000 Seeds) **$1.25.**

★**Velvet Queen.** Very large ruffled violet red flower, plants are compact. One of the finest. Trade pkt. (1000 Seeds), **$4.00.**

GLOXINIA VELVET QUEEN

Hibiscus

PERENNIAL 4,000 seeds oz. 68-86° 2-3 weeks

Large showy single flowers, hollyhock-like in appearance. In shades of pink, red and white with crimson eye. Flowers the first year.

Mallow Marvels Mixed. 4 ft.
⅛ oz., **45c;** ¼ oz., **75c;** ½ oz., **$1.35;** oz., **$2.00;** 4 oz., **$6.00**

Avalon Hybrids. One of the newer hybrid strains. Flowers, mostly bell-shaped, range in color from blush through pink, rose and vivid reds. Distinctive foliage. Long season of bloom. 3 ft. ⅛ oz., **75c;** ¼ oz., **$1.35;** ½ oz., **$2.40;** oz., **$4.00;** 4 oz., **$12.00.**

Hollyhocks

ANNUAL 3,500 seeds oz. 68° 2-3 weeks

Triumph Supreme. Large fully double blooms in a range of interesting delicate color tones. Many are attractively fringed and frilled. We suggest treating this as an annual—sown indoors in February and set out in Spring, you will have bloom the same Summer. ⅛ oz., **60c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

PERENNIAL 3,500 seeds oz. 68° 2-3 weeks

A well-known popular perennial. 4 to 5 ft.

Chater's Double Separate Colors.

Deep Rose (Carmine rose)	**Scarlet** (Blood Red)
Lilac Beauty	**White**
Newport Pink (Deep Rose)	**Yellow**

Each of above. ⅛ oz., **40c;** ¼ oz., **65c;** ½ oz., **$1.15;** oz., **$2.00.**

Chater's Prize Double Mixed. ⅛ oz., **40c;** ¼ oz., **65c;** ½ oz., **$1.15;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Hunnemannia

ANNUAL 7,000 seeds oz. 68° 2-3 weeks

Sunlite. Double bright canary-colored flowers. Gray-green foliage. A good cutflower item. 2 ft.
¼ oz., **45c;** ½ oz., **80c;** oz., **$1.40;** 4 oz., **$4.20.**

Iberis (Hardy Candytuft)

See page 11

Incarvillea

PERENNIAL 6,000 seeds oz. 68° 1-2 weeks

Grandiflora Brevipes. Large brilliant crimson rose flowers, 2 ft. 1/16 oz., **65c;** ⅛ oz., **$1.15;** ¼ oz., **$2.00;** ½ oz., **$3.60;** oz., **$6.00.**

ORANGE BABY

WHITE BABY

PINK BABY

IMPATIENS—For Pots and Shady Areas.

ANNUAL 65,000 seeds oz. 70-75° 3-4 weeks.

All too frequently the Impatiens is overlooked by the annual bedding plant grower. There is no finer annual for the shady location. Grown in full or partial shade, the dwarf varieties attain approximately the size of bedding Petunias. The plants are covered with bloom and the intense coloring is seldom equaled by other bedding plants.

For bedding purposes, use the dwarf strains which seem to retain their growth habit even in the late season. Temperature variation seems to have little effect on the Impatiens. Grow them from seed, they are free flowering and can be depended on to give satisfaction. Earliness makes the Impatiens readily adaptable to flat and Val-Pac growing. 2¼ to 3 inch plants for spring bedding sales are available from a January sowing, while dwarf varieties sown in August will produce excellent blooming pot plants in November and December.

Impatiens like heat and moisture, suggest 70° minimum for best germination results and keep moist. Full germination takes 3 to 4 weeks. Very sensitive to low temperatures, lack of moisture and darkness.

Tall Impatiens

Tall Varieties Choice Mixed. A bright mixture that includes shades of lilac, carmine, salmon pink and scarlet. 9 to 12 in. 1/64 oz., **40c;** 1/32 oz., **70c;** 1/16 oz., **$1.10;** 1/8 oz., **$1.90;** 1/4 oz., **$3.50;** 1/2 oz., **$6.60;** oz., **$12.00.**

Dwarf Impatiens

The new "Baby" strain has been selected for its dwarf compact habit, rich color tones, abundance of bloom and low spreading habit.

White Baby. Pure white flower with clear green leaf. Plant habit, flower size and color similar to Pixie White. White Impatiens is more difficult and slower to germinate. 1/128 oz., **$2.00;** 1/64 oz., **$3.70;** 1/32 oz., **$6.75;** 1/16 oz., **$12.35;** 1/8 oz., **$23.50;** 1/4 oz., **$44.75;** 1/2 oz., **$82.50;** oz., **$150.00.**

Orange Baby. Uniform and flat variety with bright orange-scarlet flower. Green foliage.

Pink Baby. The delicate pink flower blends well with the darker shades. Color and habit comparable to Pink Sprite. Green foliage.

Scarlet Baby. Bright scarlet with rich bronze-green leaf and dark stem.

Instant Glamour **Baby Mixed.** A well-balanced blend of popular colors in this newest dwarf strain.

Each of the above 4: 1/128 oz., **$1.50;** 1/64 oz., **$2.20;** 1/32 oz., **$4.00;** 1/16 oz., **$7.45;** 1/8 oz., **$13.50;** 1/4 oz., **$24.00;** 1/2 oz., **$44.00;** oz., **$80.00.**

Beauty of Klettgau. Brilliant fire-scarlet red changing to deep salmon-orange. Compact plant, green leaf.

Blaze. Bright orange-scarlet with contrasting deep bronze leaf. Plants of dwarf spreading habit.

Each of the above 2: 1/128 oz., **75c;** 1/64 oz., **$1.40;** 1/32 oz., **$2.50;** 1/16 oz., **$4.50;** 1/8 oz., **$8.25;** 1/4 oz., **$15.00;** 1/2 oz., **$27.50;** oz., **$50.00.**

Bedding Plants for Shade. Begonias, Coleus and Impatiens. Begonias pages 7-8; Coleus pages 18-19.

SCARLET BABY

Ipomoea

ANNUAL 650 seeds oz. 68-86° 1-3 weeks

Showy annual climbing vines of easy culture. Recommend growing in soil of low-fertility taking care not to over-water. To insure a profusion of bloom, pot or band seedlings about 1 week after germination to avoid transplanting shock. Cracking seed coat with a knife may increase and assist germination.

Noctiflora (Moonflower). White seeded.
½ oz., **40c;** oz., **70c;** 4 oz., **$2.00.**

★**Clarke's Early-Flowering Heavenly-Blue.** The improved clear blue early-flowering strain. Fine pot plant item. Sow in 4 inch pots and stake. Flowers when about 2 ft. high (6 weeks). ½ oz., **40c;** oz., **75c;** 4 oz., **$2.20.**

★**Pearly Gates.** A large flowered satiny white, with a creamy shading in the throat. Reaches 12 feet with luxurious foliage.
¼ oz., **35c;** ½ oz., **60c;** oz., **$1.00;** 4 oz., **$3.00.**

★**Scarlett O'Hara.** Flowers are a carnelian red, sometimes called carmine, about 3½ inches across. Stays open longer than other sorts. Foliage is quite distinct, each leaf having one large and two small side lobes.
¼ oz., **40c;** ½ oz., **70c;** oz., **$1.10;** 4 oz., **$3.25.**

Iris

PERENNIAL 7,000 seeds oz. 54°

For best results, store seed in damp sand at a temperature below 40 degrees fahrenheit for six weeks and then sow.

Dichotoma, August or Vesper Iris. Fragrant flowers on tall branching sprays. In bloom from July to early September. Variable in color, cream to violet purple with markings of buff, orange, copper, brown, mahogany, and rose. Sow seed in early spring or late fall while soil is cool. Usually a fair proportion will bloom the first summer. 1/16 oz., **60c;**
⅛ oz., **$1.05;** ¼ oz., **$1.75;** ½ oz., **$3.15;** oz., **$5.00.**

Kaempferi Mixed. A choice exhibition strain which will flower second year after sowing. 1/16 oz., **45c;** ⅛ oz., **80c;** ¼ oz., **$1.25;** ½ oz., **$2.25;** oz., **$4.00.**

Giant Bearded (German) (435 seeds oz.). From a specialist's collection, all show a remarkable range of variable color. Bright self hues with pastel harmonies.
⅛ oz., **$1.25;** ¼ oz., **$2.00;** ½ oz., **$3.60;** oz., **$6.00.**

Kale Flowering

ANNUAL 12,800 seeds oz.

Large fringed leaf in various color tones that include ivory, rose, green as well as deep purple. In late Fall and early Winter this plant is at its best. Sow in early July for a brilliant display as a winter pot plant.
1/16 oz., **40c;** ⅛ oz., **70c;** ¼ oz., **$1.10;** ½ oz., **$2.00;** oz., **$3.30.**

Kochia

ANNUAL 30,800 seeds oz. 68-86° 1-2 weeks

Childsii (Summer Cypress).
½ oz., **35c;** oz., **55c;** 4 oz., **$1.50;** lb., **$4.50.**

ANNUAL LARKSPUR

Kalanchoe

ANNUAL 14,000 seeds 1/64 oz. 68° 1-2 weeks

A showy dependable plant of great brilliance much in demand for the house.

Although the normal flowering season is January or February, plants can be had in flower for Christmas from a January sowing. Shade 4 weeks starting September 1. Recommend 60° minimum nights. Requires good air circulation.

★**Brilliant Star.** Flowers three times the size of ordinary varieties, a rich fiery red with dark green foliage. Compact growth. Ideal for pots or as cutting material.
Trade pkt. (2000 seeds), **$1.20;** 1/128 oz., **$2.20;**
1/64 oz., **$3.85;** 1/32 oz., **$7.00.**

Tom Thumb. Perfectly rounded symmetrical plants covered with small bright scarlet flowers. Trade pkt. (2000 seeds), **$1.50;** 1/128 oz., **$3.50;** 1/64 oz., **$6.60;** 1/32 oz., **$12.00.**

★**Vulcan** (35,000 seeds 1/64 oz.) An Improved Tom Thumb. Extra large flowers, bright red color with sturdier growth. Preferred by most growers over Tom Thumb.
Trade pkt. (2000 seeds), **$1.25;** 1/128 oz., **$3.50;**
1/64 oz., **$6.50;** 1/32 oz., **$12.00;** 1/16 oz., **$20.00;** ⅛ oz., **$36.00.**

★**Yellow Darling.** The flower of a strong lemon-yellow combined with foliage of shining green make it a perfect plant for flower combinations when used with the dwarf red Kalanchoe, Primula or Saintpaulia. 6 in.
Trade pkt., (500 seeds), **$1.50.**

Annual Larkspur

ANNUAL 8,500 seeds oz. 54° 3-4 weeks

Larkspur does not germinate well in hot weather and we recommend chilling seed for several days in an ice box (45°-50°) if sowing must be made in summer heat.

For growing under glass to follow late Mums, we recommend a planting in late December to early January, and band or pot the seedlings. Plants are spaced 10 x 10 in. on raised benches and grown at 45°-50°.

Direct ground sowing will bring Larkspur into crop in early spring. From an August 15th to September 15th sowing, seedlings will be of sufficient size to winter over if given a light mulch. Another method is to sow seed in late October to November so it will not germinate until early the following spring. Care should be made to select a location with good drainage.

Extensive Larkspur trials over a period of years, under glass and outdoor cultivation, have caused us to revise our listing. We have included only those colors which have proven most satisfactory under varied growing conditions and at the same time are in popular demand.

All are the popular "Base Branching" type. Long spikes, closely set with full-double flowers. Upright growth, early, vigorous growers.

White. Purest white.

Pink. Brilliant pink on salmon.

Deep Rose. Long stemmed deep rose.

Salmon Pink. Soft salmon pink.

Salmon Rose. True salmon.

Lilac. Clear lilac.

Medium Blue. Azure blue.

Dark Blue. Deep violet blue.

Carmine. Deep carmine rose.

Formula Mixture. Blended from separate colors.

Each of the above; ¼ oz., **50c;** ½ oz., **90c;** oz., **$1.60;** 4 oz., **$5.25;** lb., **$16.00.**

Improved Giant Hyacinth Flowered—45 in.

Blooms much earlier than other tall Larkspurs. Non-branching, each plant produces one big Hyacinth-like spike, broad at the base and tapering toward the top, thickly studded with perfect double blooms to a length of 18 to 20 inches.

Mixed. A **formula-blend** in a full range of color. ⅛ oz., **60c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$10.00.**

Lantana

ANNUAL 1,300 seeds oz. 68-86° 6-7 weeks

A showy annual bedding plant. Most satisfactory where summer heat is excessive. Sow early and give bottom heat.

Dwarf Mixed. 1 ft. **Tall Mixed.** 2½ ft.

Each of the above 2: ⅛ oz., **60c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Lathyrus (Perennial Sweet Pea)

PERENNIAL 500 seeds oz. 68-86° 2-3 weeks

Latifolius. Short stemmed flowers, freely produced. Quite hardy, shows resistance to excessive heat.

Mixed. Our own blend which includes Pink, White and Red. ¼ oz., **60c;** ½ oz., **$1.05;** oz., **$1.80;** 4 oz., **$5.50.**

Lavandula Vera

PERENNIAL 32,000 seeds oz. 52-90° 2-3 weeks

Munstead Strain. Large sweet scented flowers in abundance. It flowers a month earlier than the common Lavender; an improved Vera. 1 ft. 1/16 oz., **45c;** ⅛ oz., **80c;** ¼ oz., **$1.25;** ½ oz., **$2.25;** oz., **$3.75.**

Liatris

PERENNIAL 9,500 seeds oz. 68-86° 3-4 weeks

The long decorative spikes make excellent cutflowers. Easily grown from seed.

Pycnostachya. Long spike of brilliant rose-purple flowers. Aug. to Oct. 4 ft. 1/16 oz., **40c;** ⅛ oz., **70c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00.**

September Glory. 6 ft. Spike covered with purple flowers. 1/16 oz., **65c;** ⅛ oz., **$1.15;** ¼ oz., **$2.00;** ½ oz., **$3.60;** oz., **$6.00.**

Lilies

PERENNIAL 8,000 seeds oz. 68° 3-5 weeks

Longiflorum Praecox White Queen. Produces blooms of the well known Erabu type in from 12 to 15 months after sowing. Long trumpet flowers of clear white. 1/32 oz., **$1.65;** 1/16 oz., **$3.00;** ⅛ oz., **$5.50.**

Regale White. Large trumpets of glossy white with a pure yellow center and slight tinge of pink to exterior of petals. Very hardy; consistent free bloomer. Unusually fragrant. 3 to 4 ft. 1/16 oz., **70c;** ⅛ oz., **$1.25;** ¼ oz., **$2.00;** ½ oz., **$3.60;** oz., **$6.00.**

Tenuifolium. (Siberian Coral Lily). Flowers dazzling coral red, up and down the stem. 20 in. 1/16 oz., **45c;** ⅛ oz., **80c;** ¼ oz., **$1.30;** ½ oz., **$2.35;** oz., **$4.20;** 4 oz., **$12.75.**

Mixed. Includes all the popular sorts. 1/16 oz., **65c;** ⅛ oz., **$1.10;** ¼ oz., **$2.00;** ½ oz., **$3.60;** oz., **$6.00.**

Linaria

ANNUAL 460,000 seeds oz. 54° 2-3 weeks

★**Northern Lights.** Brilliant new colors which include clear whites, bright yellows, vibrant blues and carmines, also reds and bronzes with yellow lips. Plants grow 15 in. high, bushy erect. 1/16 oz., **40c;** ⅛ oz., **70c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Linum (Perennial Flax)

PERENNIAL 8,500 seeds oz. 54° 3-4 weeks

Perenne. Very pretty pale blue flowers on slender stems. 30 in. ¼ oz., **35c;** ½ oz., **60c;** oz., **$1.00;** 4 oz., **$3.00.**

Flavum Compactum. The dark green foliage accents the golden yellow flower. Ideal for rock gardens. 8 in. 1/16 oz., **50c;** ⅛ oz., **90c;** ¼ oz., **$1.50;** ½ oz., **$2.70;** oz., **$4.50.**

Lunaria

PERENNIAL 1,500 seeds oz. 68° 2-3 weeks

Biennis (Honesty) Mixed. Dark Crimson and white flowers; silvery white pod. ¼ oz., **40c;** ½ oz., **70c;** oz., **$1.40;** 4 oz., **$4.20;** lb., **$13.00.**

Lobelia

ANNUAL 725,000 seeds oz. 68-86° 2-3 weeks

Brilliant blues lacking in other plants can be found in the Lobelia. Recommend their use in semi-shaded locations and for plant combinations.

Blue Gown. Clear deep blue, without eye, fine compact habit.

Crystal Palace Compacta. Dark violet blue, dark bronzy-green foliage. Outstanding for pots, combinations or in the garden border. 4 in.

Cambridge Blue. Light blue with green foliage.

Mrs. Clibran Improved. Deep blue with large white eye, light foliage. Free flowering, compact habit, fine for pots and border planting. 4 in.

Rosamond. Rich carmine-red with white eye. A novel color that has become a garden favorite. The habit is dwarf and compact. Ideal for edging or in the rock garden. 5 in.

White Lady (Snowball Improved). Glistening pure white.

Each of the above 6: 1/16 oz., **40c;** ⅛ oz., **70c;** ¼ oz., **$1.10;** ½ oz., **$1.95;** oz., **$3.30;** 4 oz., **$10.00.**

PENDULA. Trailing in habit, readily adaptable to rock gardens or for use in hanging baskets.

Sapphire. Deep navy-blue, white eye. 1/16 oz., **40c;** ⅛ oz., **70c;** ¼ oz., **$1.15;** ½ oz., **$2.05;** oz., **$3.50.**

PERENNIAL 725,000 seeds oz. 68-86° 3-4 weeks

Cardinalis. (Cardinal Flower). Rich, fiery cardinal flowers. Needs moist shady location. 36 in. 1/64 oz., **50c;** 1/32 oz., **90c;** 1/16 oz., **$1.50;** ⅛ oz., **$2.70;** ¼ oz., **$4.50;** ½ oz., **$9.00;** oz., **$13.50.**

Lychnis

PERENNIAL 64,000 seeds oz. 68° 3-4 weeks

Chalcedonica. Vivid scarlet flowers. 36 in. ⅛ oz., **30c;** ¼ oz., **55c;** ½ oz., **$1.00;** oz., **$1.60;** 4 oz., **$4.75.**

Haageana Hybrida Mixed. Extra choice, 18 in. 1/16 oz., **40c;** ⅛ oz., **70c;** ¼ oz., **$1.10;** ½ oz., **$2.00;** oz., **$3.30.**

Lythrum

PERENNIAL 135,000 seeds ¼ oz. 68° 2-3 weeks

Roseum Superbum. Rose-purple in spikes. A good background plant. 40 in. ⅛ oz., **40c;** ¼ oz., **70c;** ½ oz., **$1.25;** oz., **$2.00;** 4 oz., **$6.00.**

Lupinus

ANNUAL 1,300 seeds oz. 68° 2-3 weeks

HARTWEGII GIANTS OR KING LUPINUS. For a spring cutflower crop in 3 inch pots, sow in January. Space close and flower one spike to a plant. 3 ft.

For April-May cutflowers, sow August-September, space 8 x 8 inches on raised bench.

King Mixed. Includes shades of blue, heliotrope and pure white. ¼ oz., **30c;** ½ oz., **55c;** oz., **$1.00;** 4 oz., **$3.00.**

Subcarnosus Texensis (Texas Blue Bonnet). Dwarf blue. 12 inches. oz., **80c;** lb., **$8.00.**

PERENNIAL 1,500 seeds oz. 68° 2-3 weeks

Likes cool weather. Requires a well-drained location. Fine for cutting.

POLYPHYLLUS

Russell. Most unusual colors and color combinations. The flowerettes are much larger than the other Polyphyllus varieties. ⅛ oz., **40c;** ¼ oz., **65c;** ½ oz., **$1.15;** oz., **$2.20;** 4 oz., **$6.60;** lb., **$20.00.**

Nitragin. For inoculating Lupin seed. **Garden size 25c.**

LYCHNIS CHALCEDONICA

PETITE MARIGOLDS

Petite Strain

Extra dwarf, uniformly even, early and free flowering. "The Petites" are becoming more and more popular. Retaining their dwarf habit under the most adverse conditions. Petites are ideal for borders and mass effect. Particularly desirable for the pak or flat grower. Earliness insures flowers in full bloom at time of sale. 6 in.

Petite Gold. **Petite Spry.** **Petite Orange.**
Petite Yellow. **Petite Harmony.** **Petite Formula Mixed.**

Each of the above: ⅛ oz., **55c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$27.00.**

Dwarf Marigolds for Bedding

ANNUAL 10,000 seeds oz. 68-86° 1-2 weeks

Dwarf Marigolds

For bedding and combinations, the Dwarf Marigold is among the most showy and useful. They are practically disease resistant and being easy to handle the home gardener likes them. Have plenty for your early spring "pak" and "flat" sales. Florists near cemeteries will find ready sale for them.

Allow about eight weeks from sowing to the start of your selling season.

Double Dwarf French

Butterball. Scabiosa-like flower of canary yellow. Early and continuous bloomer. 6 to 10 inches.

Color Magic. An unusually striking blend of colors from red to golden yellow with many bicolor combinations red, bronze, orange and gold. Full-double, very large flowers averaging 2½ inches across. Compact plant. 10 in.

Extra Dwarf Harmony. Color of Spry, with dwarfer habit.

Harmony. Bright golden yellow, rich maroon-red border.

Lemondrop. Canary Yellow. Early, profuse bloomer. 9 in.

Rusty Red. Large fully double flowers averaging 2 inches across of rich rusty red, delicately edged golden yellow.

Spry. Light yellow crested center, guard petals of rich mahogany red.

Sunkist. Scabiosa-like flowers of solid deep golden orange. Very dwarf and compact. 9 in.

Tangerine. A distinct shade of bright tangerine-orange. Full-double flowers. Early continuous bloomer. 12 in.

Each of the above 9: ⅛ oz., **35c;** ¼ oz., **65c;** ½ oz., **$1.15;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Brownie Scout. Rich golden yellow with a fleck of red at the base. Free blooming. Retains dwarf compact habit under the most trying conditions. ⅛ oz., **55c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

★Dwarf Master Blend.® An extra dwarf strain. Early and free flowering, blooming while plants are very small. A good range of Marigold colors. We recommend this to the flat grower because its earliness permits flowers in full bloom at time of sale. Ideal for edgings and combinations. 6 in. ⅛ oz., **55c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4oz., **$9.00;** lb., **$27.00.**

Single Dwarf French

Dainty Marietta. Dwarf compact plant, larger than average flower composed of 5 or 6 overlapping petals of soft golden yellow with a contrasting blotch of rich maroon at base of petal.

Flash. Bright color combinations ranging from vivid red through bronze and yellow. In most flowers a base color of tangerine is overlaid with rich marigold-red. 18 in.

Naughty Marietta. Golden yellow flowers with mahogany base. Very showy. Free flowering.

Red Head. Crested center of golden petals edged maroon is surrounded by a single row of broad petals of rich mahogany. Compact, dwarf plant. 1 ft.

Sunny. Cheerful bright yellow flower with attractive wavy edged petals. Blooms freely produced over a long season. 15 in.

Each of the above 5: ⅛ oz., **35c;** ¼ oz., **65c;** ½ oz., **$1.15;** oz., **$2.00;** 4 oz., **$6.00.**

Mexican Marigold

(Signata Pumila)
For Pots and Edging

Ursula. A free flowering strain. The ⅞ inch florets are a bright golden orange with a brighter orange zone and eye. For border, edgings and rockery.

Lulu. Very compact dome shaped plant growing 7 inches tall. Completely covered with dainty single florets in pleasing shade of bright canary yellow without zone but with small dark eye.

Each of the above 2: 1/16 oz., **40c;** ⅛ oz., **70c;** ¼ oz., **$1.20;** ½ oz., **$2.15;** oz., **$3.60.**

★Cupid Marigolds

An ordorless foliaged African type Marigold of dwarf compact habit. Large mum-like blooms cover the plant. Can be had in flower in 3 inch pots when plants are but 4 to 6 inches tall. For flat sales recommend early February sowing. 8 to 10 in.

Cupid Yellow **Cupid Golden** **Cupid Orange**

Cupid Mixed. A formula blend of the above.

Each of the above: 1/16 oz., **55c;** ⅛ oz., **$1.00;** ¼ oz., **$1.75;** ½ oz., **$3.15;** oz., **$5.00;** 4 oz., **$15.00.**

For earliest bedding plant sales—Marigold Dwarf Master Blend and Zinnia Thumbelina.

MARIGOLD F-1 HYBRIDS

The New "GOLD COIN" Series

GLITTERING, GLAMOUROUS, PROFIT-BRINGING BEAUTIES

With the introduction of the new "Gold Coin" Series, a successful program for forcing has been established—one that insures blooming plants in pots for early Spring sales—approximately 6 weeks from sowing to selling.

We suggest seed be sown in mid-February in the greenhouse. Successive sowings may be made to insure marketable plants over a long period. Maintain a night temperature of 65 degrees fahrenheit. Immediately on emergence limit day length to 9 hours by the use of Chrysanthemum cloth. When two true leaves have formed, prick off into 3 inch peat pots and continue to limit day length to 9 hours for a total of 30 days. At this point cloth may be removed and plants marketed as soon as desired.

Close examination of the growing tips will reveal the tiny buds, even at this early stage. Development continues to normal bloom in the pot along with a corresponding increase in plant size.

These newest F-1 Hybrids are perfectly uniform, plants of a variety all respond at exactly the same rate, given equal growing conditions, making it possible to bring along marketable plants in weekly succession if so desired.

So well does the "Gold Coin" Series respond to these new forcing techniques, it is possible to sell budded or blooming plants early—from April 15 on—and assure customer of a spectacular display throughout the entire season—not restricted to blooming in late Summer or early Fall.

MARIGOLD "GOLD COIN" SERIES

Doubloon. Tremendous fully double light yellow blooms held well above foliage on sturdy 3 ft. plants. Remarkable cutflowers, heavy bloom production and absolute uniformity.

Sovereign. Like Doubloon in height, maturity and uniformity, but with lovely all double golden-yellow blooms.

Double Eagle. The third variety in the "Gold Coin" series has attractive light lemon flowers, with all the characteristics of Doubloon and Souvereign.

Each above 3: 1/64 oz., **85c;** 1/32 oz., **$1.50;** 1/16 oz., **$2.50;** 1/8 oz., **$4.50;** 1/4 oz., **$8.00;** 1/2 oz., **$14.50;** oz., **$25.00.**

Tall Marigolds for Cutting

CLIMAX MARIGOLD

Climax Marigolds F-1 Hybrids

Full double, giant globular blooms averaging 5 in. and more across. Long graceful stems, an excellent cutflower. A true F-1 hybrid, they are more free flowering and vigorous than ordinary strains. 2½-3 ft.

Golden Climax. Deep golden yellow.

Primrose Climax. Clear soft tones of creamy primrose yellow.

Toreador. (Bronze Medal All America 1960). Rich orange.

Yellow Climax. Bright yellow.

Climax Mixed. Our own formula blend which includes all the above. Lush green foliage provides the perfect foil for the rich color tones. Exceptionally fine cutflower.

Each of the above 5: 1/64 oz., **85c;** 1/32 oz., **$1.50;** 1/16 oz., **$2.50;** ⅛ oz., **$4.50;** ¼ oz., **$8.00;** ½ oz., **$14.50;** oz., **$25.00.**

ANNUAL 10,000 seeds oz. 68-86° 1-2 weeks

African Doubles—For Backgrounds and Cutting

A spring crop of cutflower Marigolds will prove most profitable. Sown in the greenhouse in January-February, grown single stem, space 4 x 5 inches and disbud to one flower. Fine double Marigolds will be ready for an April-May cut.

While the Double Fistulosa and Carnation flowered types are recommended for this purpose, we urge you include some of the Chrysanthemum Flowered sorts for variety. Be sure to include the Climax Marigolds. Their giant yet graceful flowers will be certain to attract attention. Include some of the "Gold Coin" Marigolds illustrated and described on page 27.

Carnation Flowered

The loosely ruffled broad petaled flower, 3 inches or more across, is borne on 2 to 2½ ft. branching plants. Nearly 100% double.

Guinea Gold. Orange flushed gold.

Man-in-the-Moon. Full-double ruffled pale moon-yellow flower. Excellent for cutting.

Real Gold. Golden orange illumined with yellow. Free flowering.

Yellow Supreme. Loose frilled creamy yellow petals.

Each of the above; ⅛ oz., **35c;** ¼ oz., **60c;** ½ oz., **$1.05;** oz., **$1.80;** 4 oz., **$5.50.**

Peony Flowered (Gigantea)

Strong growing plants 3½ ft. tall, huge ruffled, tightly petaled blooms resembling large peony flowers. The largest flowered Marigolds.

Crackerjack. Uniformly large, full-double 4-5 in. blooms, freely produced on long strong stems. A full range of Marigold colors including primrose yellow, gold and orange. A formula blend which insures perfect color balance. Early flowering. 3 ft. ⅛ oz., **55c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Double Fistulosa

An especially fine tall branching strain bearing enormous flowers of the quilled type. We consider this the finest long-stemmed cutflower strain.

★**All Double Orange.** Comes almost 100% full-double.

★**All Double Lemon.** Identical to the above except for its rich lemon yellow color.

Each of the above: ⅛ oz., **35c;** ¼ oz., **60c;** ½ oz., **$1.05;** oz., **$1.80;** 4 oz., **$5.50.**

Chrysanthemum Flowered

Compact flowers with petals tightly incurved, 2½ to 3 inches across, on plants 2 to 3 ft. high. In appearance they resemble the large greenhouse grown Mum.

Glitters. Soft clear yellow flower; rich dark green foliage. ⅛ oz., **55c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Goldsmith. Rich golden-orange. Early enough for our northern garden.
⅛ oz., **40c;** ¼ oz., **70c;** ½ oz., **$1.25;** oz., **$2.20;** 4 oz., **$6.60.**

Mammoth Mum. The largest in this group. Light sulphur yellow.
⅛ oz., **55c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Chrysanthemum Flowered Hybrids (Mission Giants) Mixed. A well-balanced mixture, from deep golden orange to clear lemon yellow.
⅛ oz., **35c;** ¼ oz., **60c;** ½ oz., **$1.05;** oz., **$1.80;** 4 oz., **$5.50.**

Spun Gold. An early medium dwarf of compact bushy growth. Large double blooms, incurved petals of bright golden-yellow and foliage of medium green. Similar in type to the "Cupids" but earlier and a more profuse bloomer. Combines well with blue. Excellent for mass effect, borders, flat and combinations. 12 in. 1/16 oz., **65c;** ⅛ oz., **$1.15;** ¼ oz., **$2.00;** ½ oz., **$3.60;** oz., **$6.00;** 4 oz., **$18.00.**

The **"Gold Coin" Series,** described on page 27 and illustrated on our front cover, is an excellent "Cutflower" Marigold. Grow these for earliest spring sales.

Vaughan's Helps You Sell Bedding Plants

Vaughan's "Instant Glamour" program of the 40 best flowers and vegetables for bedding plant sales again this year points the way to successful selling for you. See the story on the inside front cover and look for the identifying "Instant Glamour" symbol next to variety listings throughout this book. And now the new "Glamour Tags" are an added sales help. Read about this wonderful offer on page 16!

July 22 Is "Green Letter" Day

That's right, "green" letter day because it is a major horticultural event, Vaughan's Field Day—1964. Visiting Vaughan's field trials of new and old reliable flowers and vegetables will give you up to the minute knowledge of recent developments.

Marvel of Peru

ANNUAL 325 seeds oz. 68-86° 2-3 weeks

Mixed. The "old-fashioned" Four O'Clock in a range of color that is bright and interesting.
oz., **40c;** 4 oz., **$1.10;** lb., **$3.30.**

Matricaria

PERENNIAL 145,000 seeds oz. 68-86° 2-3 weeks

Ultra Double White. A select Florist Strain with flowers so double it closely resembles the quality usually obtained from cuttings. Pure white, ball-shaped flowers on compact plants. 2 ft. 1/32 oz., **$1.10;** 1/16 oz., **$2.00;** 1/8 oz., **$3.30;** 1/4 oz., **$6.00;** 1/2 oz., **$10.80;** oz., **$18.00.**

Golden Ball. Striking double golden yellow. 8 in.
1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.25;** 1/2 oz., **$2.25;** oz., **$4.00.**

Double White Select. A good strain of double and semi-double flowers. The yellow center is more noticeable in this selection. 1/32 oz., **40c;** 1/16 oz., **70c;** 1/8 oz., **$1.10;** 1/4 oz., **$2.00;** 1/2 oz., **$3.60;** oz., **$6.00.**

Mesembryanthemum

ANNUAL 100,000 seeds oz. 68° 1-3 weeks

Criniflorum (Livingstone Daisy). The plants are literally covered with one-inch flowers of the most deligthful shades. Need full sun and lots of water. 6 in. 1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.25;** 1/2 oz., **$2.25;** oz., **$4.00.**

Mignonette

ANNUAL 30,000 seeds oz. 54° 2-3 weeks
Sow in January for Spring cutting.

True Machet. Vaughan's Selected Stock. Fragrant. The finest greenhouse strain. 1/8 oz., **35c;** 1/4 oz., **50c;** 1/2 oz., **90c;** oz., **$1.50;** 4 oz., **$4.00;** lb., **$12.00.**

Mimosa

ANNUAL 4,500 seeds oz. 54-90° 3-4 weeks

Pudica. (Sensitive Plant).
1/8 oz., **35c;** 1/4 oz., **60c;** 1/2 oz., **$1.05;** oz., **$2.00;** 4 oz., **$6.00.**

Myosotis (Forget-Me-Not)

PERENNIAL 42,000 seeds oz. 68° 2-3 weeks

ALPESTRIS. Exquisite sprays of flowers produced in abundance.

Indigo Blue. (Royal Blue). 12 in.
1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.20;** 1/2 oz., **$2.15;** oz., **$3.60.**

ALPESTRIS VICTORIA. Dwarf bushy globular plants, bearing a profusion of large flowers. Attains a height of 5 to 7 inches.

Indigo Blue. Rosea. Sky-blue. White. Mixed.

Each of the above 5: 1/16 oz., **50c;** 1/8 oz., **85c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$5.00;** 4 oz., **$15.00.**

Palustris Semperflorens. Dwarf, blue, in flower from early spring until autumn, 1 ft.
1/16 oz., **35c;** 1/8 oz., **60c;** 1/4 oz., **95c;** 1/2 oz., **$1.70;** oz., **$3.00.**

DOUBLE NASTURTIUMS

Nasturtium

ANNUAL 175 seeds oz. 68° 1-2 weeks
Excellent for cutting. Long stemmed fragrant blossoms, richly colored.

DOUBLE GLEAM TYPE. Vigorous grower for greenhouse cutting and window box. Climbing or trailing.

Golden Gleam. Yellow.

Orange Gleam. Orange.

Mahogany. Dark Mahogany-red.

Scarlet Gleam. Very brilliant.

Glorious Gleam Hybrids. Wonderful range of color.

Each of the above 5: oz., **40c;** 4 oz., **$1.25;** lb., **$4.00;** 5 lbs., **$18.00;** 10 lbs., **$36.00.**

DOUBLE DWARF TYPE. Plants of dwarf, compact growth are covered with blooms that are fully as large and double as the Gleam type.

Cherry Rose. Very bright. Carries flowers well above the foliage.

Golden Globe. Yellow. **Globe of Fire.** (Scarlet Gem).

Gem Mixed. Excellent color range.

Each of the above 4: oz., **45c;** 4 oz., **$1.50;** lb., **$4.50;** 5 lbs., **$22.00;** 10 lbs., **$42.50.**

SINGLE VARIETIES. 240 seeds oz. 12 in.

Dwarf Mixed. Includes all the colors in this type.
oz., **35c;** 4 oz., **$1.00;** lb., **$3.00;** 5 lbs., **$14.50;** 10 lbs., **$28.00.**

Nemesia

ANNUAL 90,000 seeds oz. 55° 2-3 weeks

Carnival Mixed. (Dwarf). A full-color mixture with large flowers on base branching compact plants. Very bright. Fine for pots and combinations. 9 in. 1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.20;** 1/2 oz., **$2.15;** oz., **$3.60.**

Nicotiana

ANNUAL 200,000 seeds oz. 68-86° 2-3 weeks

Affinis. White, sweet-scented. 32 in.
1/4 oz., **40c;** 1/2 oz., **70c;** oz., **$1.20;** 4 oz., **$3.60.**

★**Crimson Bedder.** Rich deep crimson.
1/8 oz., **40c;** 1/4 oz., **70c;** 1/2 oz., **$1.25;** oz., **$2.00.**

★**Daylight.** The white blooms remain fully open during even the most brilliant sunshine. The plants are of very bushy habit, reaching a height of 1 1/2 to 2 feet. An abundance of pure white flowers with the same delightful scent as Nicotiana Affinis. Ideal for bedding purposes. 1/8 oz., **45c;** 1/4 oz., **80c;** 1/2 oz., **$1.45;** oz., **$2.50;** 4 oz., **$7.50.**

★**Sensation Mixture.** A brilliant color range. Bright scarlet, crimson, rose, mahogany, violet, yellow, coral, lilac and white. Blooms remain open during the daytime. 1/8 oz., **45c;** 1/4 oz., **80c;** 1/2 oz., **$1.45;** oz., **$2.50;** 4 oz., **$7.50.**

Nierembergia

ANNUAL 5,300 seeds 1/32 oz. 68-86° 2-3 weeks

Purple Robe Improved. The rich violet blue color is deeper than that of the original and the plants more dwarf and compact. This reselected strain does not fade under hot weather conditions. 1/128 oz., **55c;** 1/64 oz., **$1.00;** 1/32 oz., **$1.75;** 1/16 oz., **$3.25;** 1/8 oz., **$5.85;** 1/4 oz., **$9.75.**

Pansy

See pages 30-31

Passiflora

ANNUAL 3,600 seeds oz. 68° 2-4 weeks

Coerulea Blue. (Passion Flower). Slender but strong grower. Flowers 2 1/2 to 3 1/2 inches across, slightly fragrant, greenish white; the corona is blue at the tip, white in the middle and purple at the base. 1/16 oz., **55c;** 1/8 oz., **90c;** 1/4 oz., **$1.65;** 1/2 oz., **$3.00;** oz., **$5.50;** 4 oz., **$20.00;** lb., **$60.00.**

Pennisetum

ANNUAL 14,500 seeds oz. 68-86° 3-4 weeks

Rueppelianum. Long graceful purple sprays.
1/16 oz., **35c;** 1/8 oz., **60c;** 1/4 oz., **$1.10;** 1/2 oz., **$2.00;** oz., **$3.30;** 4 oz., **$10.00;** lb., **$30.00.**

Pentstemon

See page 31

Pansies For Bedding

ANNUAL 24,000 seeds oz. 55-90° 2-3 weeks.

Pansies now vie with Petunias in importance as spring bedding plants. This popularity is due to improvements in strains in recent years, and newer methods of culture. The home gardener likes the Pansy—have plenty for early spring sales. Basically there are two methods of culture, either will assure your having strong healthy plants in bloom early.

Mid-winter sowing, late November through January. When seedlings are of a size to handle, transplant to small flats or "paks" and grow on cool, 50 degrees, and be assured of blooming plants for earliest sales. Six blooming pansy plants in a Vaughan Val-Pac container is something the home gardener will find hard to resist.

Summer sowing, early August, has for many years been the accepted time to start pansies. Spaced 4 x 6 inches in a cold frame, given winter protection, loose straw, perhaps, plants will be well established before winter sets in. Here again blooming plants are available early in Spring.

PANSY SWISS BLUE

★Our Five Best

Vaughan's Swiss Master Blend. Another Vaughan "Pansy First." A brilliant array of color. Strong stems, large flowers of a rich velvety texture, slightly ruffled at the edge. Our own formula blend in proper proportions insures perfect color balance.
1/32 oz., **$1.00;** 1/16 oz., **$1.85;** 1/8 oz., **$3.30;** 1/4 oz., **$6.00;** 1/2 oz., **$10.80;** oz., **$18.00.**

Vaughan's Super Swiss Giant Mixture. Our most popular bedding Pansy. Large flowers, thick overlapping petals of good substance, brilliant colors, strong stems, make this outstanding for cutting or bedding.
1/16 oz., **$1.25;** 1/8 oz., **$2.25;** 1/4 oz., **$4.00;** 1/2 oz., **$7.50;** oz., **$13.50;** 4 oz., **$40.00;** lb., **$120.00.**

Vaughan's Super Maple Leaf "Canadian Giants" Mixture. A distinct selection out of Maple Leaf Giants. Rich dark green foliage, flowers of gigantic size and substance, good stems and a beautiful color range. Plants of compact, sturdy growth.
1/16 oz., **95c;** 1/8 oz., **$1.75;** 1/4 oz., **$3.25;** 1/2 oz., **$5.85;** oz., **$10.00;** 4 oz., **$36.00;** lb., **$108.00.**

Color Carnival (F-2 Hybrid). An American strain of exceptional quality and substance. Swiss Giant type blooms on strong vigorous plants. The magnificent color range, heavy in red and scarlets, is further enhanced with rich blues. All flowers attractively blotched.
1/32 oz., **$1.50;** 1/16 oz., **$2.75;** 1/8 oz., **$5.00;** 1/4 oz., **$9.00;** 1/2 oz., **$16.25;** oz., **$27.00.**

Roggli Elite Mixed. Recommended for its large flower and uniformity of color and habit. Predominately red tones many attractively blotched flowers. We offer Introducer's Imported Seed.
1/32 oz., **$1.75;** 1/16 oz., **$3.00;** 1/8 oz., **$5.50;** 1/4 oz., **$10.00;** 1/2 oz., **$18.00;** oz., **$30.00.**

Pansy F-2 Hybrid

Masquerade. An early American grown strain with Jumbo type flowers of good size and substance. About ten days earlier than Color Carnival. Light colored blooms in many interesting and unusual colors and shades, all beautifully blotched. Plants are vigorous and compact. Very free flowering.
1/32 oz., **$1.50;** 1/16 oz., **$2.50;** 1/8 oz., **$4.50;** 1/4 oz., **$8.00;** 1/2 oz., **$14.50;** oz., **$24.00.**

New "Glamour Tags" Help Bedding Plant Sales

Wouldn't you like to have gleaming white plastic plant tags with variety names and colors printed right on them to identify your plants to retail customers? Well, that's what Vaughan's is offering you at below-cost, give-away prices with the purchase of seed. See Page 16 for details!

PANSY SWISS CORONATION GOLD

Separate Colors

Adria. (Swiss). Large flowers of a rich dark blue.

Alpenglow (Swiss). Rich wine-red with a dark blotch on each of the three lower petals.

Berna. (Swiss). Dark violet-blue.

Blue. (Swiss). (Ullswater, Thuner Sea). The most distinct rich ultra-marine blue with darker blotches.

Coronation Gold (Swiss). The finest pure golden yellow Pansy. Flowers slightly ruffled at edges and mildly scented.

Delft Blue. Porcelain (China) blue.

Firebeacon. (Swiss). Bright wallflower-red with a touch of orange.

Giant Orange. Deep pure orange center shading to apricot.

Monch. (Swiss). Pure yellow, early flowering.

Raspberry Rose. (Swiss). Soft pink with a contrasting blotch of a deeper velvety tone.

Rhinegold (Swiss). A large flowered canary-yellow with dark blotches.

White. (Swiss). Creamy white, yellow eye.

Each of the above 12: 1/16 oz., **95c;** 1/8 oz., **$1.75;** 1/4 oz., **$3.25;** 1/2 oz., **$5.85;** oz., **$10.00;** 4 oz., **$36.00;** lb., **$108.00.**

PANSY COLOR CARNIVAL

★**Vaughan's Dwarf Super Swiss Mixed.** A shorter, more compact strain than the regular Super Swiss. Well rounded bushy plants with flowers borne well above the foliage. Color range equal to that of the Super Swiss.
1/16 oz., **90c;** 1/8 oz., **$1.60;** 1/4 oz., **$2.65;** 1/2 oz., **$4.80;** oz., **$9.00;** 4 oz., **$33.00;** lb., **$100.00.**

Amsterdam Giant. A very early free flowering strain with a long season of bloom, showing great resistance to heat. Bright colors, large flowers 3 to 4 inches across. A favorite "Basket Pansy" in Europe and along our East Coast.
1/16 oz., **80c;** 1/8 oz., **$1.45;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$7.50;** 4 oz., **$22.50;** lb., **$68.00.**

★**Jumbo Mixed.** Extra large and early; long stemmed flowers. An outstanding favorite in the South.
1/16 oz., **95c;** 1/8 oz., **$1.75;** 1/4 oz., **$3.25;** 1/2 oz., **$5.85;** oz., **$10.00;** 4 oz., **$36.00;** lb., **$108.00.**

Popular Pansy Mixtures

America (Ideal Bedding or Basket Pansy). A free flowering strain of medium sized blooms in a wide range of bright colors. An extra-early dwarf bedding strain for Spring basket sales. 1/16 oz., **70c;** 1/8 oz., **$1.25;** 1/4 oz., **$2.00;** 1/2 oz., **$3.60;** oz., **$6.00;** 4 oz., **$18.00;** lb., **$54.00.**

Clear Crystals. Flowers of good size, slightly smaller than Swiss, freely produced on neatly rounded compact plants. A bright mixture that includes blues, red, purple, lilac, yellow and white—all without blotches. Clear Crystals has a long season of bloom and shows a tendency to withstand temperature extremes. 1/16 oz., **$1.00;** 1/8 oz., **$1.80;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$7.50;** 4 oz., **$22.50;** lb., **$68.00.**

Engelmann's Giant Mixture. Dark and light shades, immense flowers, compact plant. Early flowering. 1/16 oz., **90c;** 1/8 oz., **$1.60;** 1/4 oz., **$2.65;** 1/2 oz., **$4.80;** oz., **$9.00;** 4 oz., **$33.00;** lb., **$100.00.**

Oregon Giants (Originator's Stock). A fine strain of giant ruffled pansies. The large flowers of heavy texture have a delicate fragrance and come in all shades and coloring. Long stems and luxuriant foliage.
1/32 oz., **$1.00;** 1/16 oz., **$1.80;** 1/8 oz., **$3.30;** 1/4 oz., **$6.00;** 1/2 oz., **$10.80;** oz., **$18.00.**

Vaughan's Long Stemmed Winter-Flowering Mixed. Reselected. It has a much wider color range than other Winter-Flowering strains and has an excellent stem length, averaging better than 10 in. The bloom size is from 2 1/2 to 3 in. and the flowers are of a very good substance and sweet scented. Sow in summer for Mid-winter blooming and give support early. 1/32 oz., **90c;** 1/16 oz., **$1.60;** 1/8 oz., **$2.75;** 1/4 oz., **$5.25;** 1/2 oz., **$9.50;** oz., **$16.00;** 4 oz., **$48.00.**

GIANT WHITE And YELLOW

Paper White. Large flowers of pure paper-white with small yellow eye.

Pay Dirt. Large golden yellow flower, some with dark rays, others with tiny dark faces. Fine growth habit. Resistant to Summer heat.

Each of the above 2: 1/32 oz., **90c;** 1/16 oz., **$1.60;** 1/8 oz., **$2.75;** 1/4 oz., **$5.00;** 1/2 oz., **$9.00;** oz., **$15.00;** 4 oz., **$45.00;** lb., **$135.00.**

PENTSTEMON SENSATION MIXED

Pentstemon

ANNUAL 55,000 seeds oz. 68-80° 2-3 weeks

These attractive tubular or bell-shaped flowers produced on good strong spikes make very fine plants that are exceptionally good for bedding and border planting. Although perennial in warmer climate, they are easily grown as annuals. Sow seed early and treat as other annual bedding plants. From a March sowing of seed, plants were in full flower in our Trials early in July.

★**Sensation.** The most brilliant and varied colors; many of them are beautifully edged with a fine contrasting color. 2 ft.
1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.25;** 1/2 oz., **$2.25;** oz., **$4.00;** 4 oz., **$12.00.**

PERENNIAL 15,000 seeds oz. 68-86°
Slow and uneven to germinate.

Perennial Varieties Mixed. Very hardy.
1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.25;** 1/2 oz., **$2.25;** oz., **$4.00;** 4 oz., **$12.00.**

All Double Petunias
For Pots—Bedding—Combinations

Sow "Doubles" earlier than ordinary strains to have for sale at the same time. For "flat" or "pak" sales, allow 12 to 15 weeks from sowing to sale date—depending on your market needs. In Chicago, sow no later than December 15 for 3 inch for May combinations. January 1 sowing, grown cool, 50°, will insure strong 3 inch for late May, Well shaped plants with several blooms in 4 to 5 inch for April and May pot plants, or 3 inch for March, result from seed sowing not later than November 15.

Like all other Petunias—"Doubles" need good drainage and cool temperatures. Dwarf habit of growth is lost if grown too high. 55° is ideal.

All the Double Grandifloras break readily but Sonata and Minuet respond best to one pinch. The "Double Multifloras" too, respond to a single pinch.

"Double Petunias" are one of the most popular and versatile of Spring bedding plants. Their wide range of color, flower size and plant habit makes it important that you have available a well rounded selection. Our "Instant Glamour" Petunia listing includes the finest and most popular sorts.

There is ready sale in "paks" or "flats"—6 or 12 plants to the "pak" is much in demand.

As a "Come-on" for the early shopper in March and April, offer 3 inch blooming pots. Resulting sales will surprise and please.

"Doubles" in 2¼ to 3 inch Val-Peat Pots find ready sale. An open flower or a bud showing color is your best sales aid. The quality of the peat pot grown Petunia is outstanding and is sure to bring back the ever satisfied customer.

Three and four inch pots of "Doubles" are ideal for May combinations.

Heavy three to five inch pots are in demand for Mother's Day.

Although Sonata is a great favorite at this time, don't overlook the free flowering "Double Multifloras."

Our "Double Petunia" strains are the finest obtainable. Vaughan's greenhouse checks supply needed information on inside growing and plant habit. Our Field Trials at Cantigny, near Wheaton, Illinois, show reaction under outside Summer conditions. Why not visit these Trials—they are at their best from mid-July to end of August?

Double Multifloras—The Dependable Bedding Petunia

PETUNIA ALL DOUBLE BONANZA MIXED

The dwarf compact plants are completely covered with medium sized full-double carnation flowered type blooms. A "must" for the bedding plant grower—equally important for use in pots and combinations. Because of their dependable performance and beauty, these carnation-like flowers are gaining favor everywhere.

★**America Improved.** Rich rose-pink, coming uniformly double.

Cardinal. Glowing bright scarlet-red. The first scarlet-red in the Double Petunias. A much needed color—a profuse bloomer.

★**Cherry Tart.** The bright rose-pink color becomes vividly alive by its sharply contrasting pure white variegation.

Honey Bunch. Soft rich salmon pink.

Plum Double. The rosy-lavender of Sugar Plum in its "double" form. Free flowering.

White Riches. Carnation-like flowers of purest white. For mass effect or use where contrast is wanted. Combines well and lends a beauty all its own.

Bonanza Mixed. A formula blend in a wide variation of color.

Each of the above 7: ½ Trade pkt. (500 seeds), **$1.50;** Trade pkt. (1000 seeds), **$2.75;** 1/128 oz., **4.75;** 1/64 oz., **$8.75;** 1/32 oz., **$16.75;** 1/16 oz., **$32.00;** ⅛ oz., **$60.75;** ¼ oz., **$115.75;** ½ oz., **$220.50;** oz., **$420.00.**

Popular Large Flowered Doubles

You will want to include these in your list of bedding plants. Full-double blooms of good size, in an interesting range of colors.

★**Canadian Mixture.** Full double flowers which includes rose, pink, salmon, white and mauve.
½ Trade pkt., (500 seeds) **$2.25;** Trade pkt., (1000 seeds) **$4.00;** 1/128 oz., **$7.20;** 1/64 oz., **$13.00;** 1/32 oz., **$24.70;** 1/16 oz., **$48.00;** ⅛ oz., **$90.00;** ¼ oz., **$171.00.**

★**Glorious Shades of Rose.** Giant double blooms; vigorous compact plants, in rich shades of rose, from lightest pink to deepest rose tone. Makes fine 4 to 5 inch pot plants for Easter, Mother's Day and spring combinations.
½ Trade pkt., (500 seeds) **$2.00;** Trade pkt., (1000 seeds) **$3.50;** 1/128 oz., **$6.50;** 1/64 oz., **$12.50;** 1/32 oz., **$23.50;** 1/16 oz., **$44.75;** ⅛ oz., **$85.25;** ¼ oz., **$162.50.**

Double Petunias

Pan American Strain

An American Grown Strain of great brilliance. The flowers are large, 3½ to 4 inches across, full-double and well fringed. Plants dwarf and compact. Recommend pinching for more dwarfness and better branching. Exceptionally fine for pot plants.

★**Allegro Improved.** Deep salmon. Very early. Something very special when grown in 6 inch pots for Mother's Day.

Caprice Improved. Bright rose.

★**Lyric.** Rich light pink, lightly veined. A clean clear pink, a color long missing in the "doubles."

Minuet. Orchid-lavender. A bit taller than others, should be pinched.

Nocturne. Midnight purple flower, dwarf compact plant.

Presto. Variegated rose and white. A double version of the F-1 Grandiflora Crusader.

Rhapsody. Deep burgundy wine-purple.

★**Sonata.** Pure White. Pinch once and grow on in 6 inch for Mother's Day sales.

Each of the above 8: ½ Trade pkt., (500 seeds) **$2.75;**
Trade pkt., (1000 seeds) **$4.75;**
1/128 oz., **$8.50;** 1/64 oz., **$16.25;**
1/32 oz., **$31.00;** 1/16 oz., **$59.00;**
⅛ oz., **$112.50;** ¼ oz., **$213.50.**

Glorious Mixture. Our own formula-blend trom separate colors. Taller plants should be inched to induce better branching. Transplant all to insure color balance. Truly outstanding.
½ Trade pkt. (500 seeds), **$2.50;**
Trade pkt., (1000 seeds), **$4.50;**
1/128 oz., **$8.00;** 1/64 oz., **$15.50;**
1/32 oz., **$29.25;** 1/16 oz., **$55.75;**
⅛ oz., **$106.25;** ¼ oz., **$202.00.**

Sakata (Japanese) Strain

The well doubled, fringed flowers, averaging 3½ in. across, are freely produced on plants that are bushy and dwarf. An attractive pot plant strain. 10 in.

Attraction. Brightest carmine-rose and white combination.

Blue Monarch. (Blue Brocade Improved). True violet blue.

★**Gaiety.** A bicolor, light rose-red with white ground. Lighter in tone than Attraction.

★**Rosy Carmine Improved.** (World Beauty or Pink Perfection). Bright rose, very popular among pot plant growers.

White Swan. (Pure White Improved—Snowball). The largest white in this All Double group. Flowers measure fully 4½ inches across in its full-double, well fringed form.

All Double Dwarf Giant Fringed Mixed (Victorious). Included in our mixture are separate colors wich give you a better balanced color range than usually found in blends of this sort.

Each of the above 6:
½ Trade pkt., (500 seeds), **$2.25;**
Trade pkt., (1000 seeds), **$4.00;**
1/128 oz., **$6.50;** 1/64 oz., **$12.00;**
1/32 oz., **$22.00;** 1/16 oz., **$40.00;**
⅛ oz., **$75.00;** ¼ oz., **$142.00.**

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All Double Petunia Collection

1 Trade Pkt. each (4 varieties)
For $15.75

Allegro Improved. Deep salmon.
Sonata. Pure White.
Rosy Carmine Improved. Bright Rose.
Gaiety. Light rose-red and white bicolor.

PETUNIA ALL DOUBLE LYRIC

Vaughan's All Double Dwarf Master Blend. We consider this the finest All Double Mixture. Blended from a special formula, it contains all the important and popular florist colors in just the right proportions—all carefully selected for height uniformity, color demand and bloom time. We recommend transplanting **all,** not just the stronger plants.
½ Trade pkt. (500 seeds), **$2.50;** Trade pkt. (1000 seeds), **$4.50;** 1/128 oz., **$8.00;** 1/64 oz., **$15.50;** 1/32 oz., **$29.25;** 1/16 oz., **$55.75;** ⅛ oz., **$106.25;** ¼ oz., **$202.00.**

For More Petunia Profits

PETUNIA F-1 RED ENSIGN

PETUNIA F-1 PINK DESIRE

Since the introduction of the F-1 Hybrid Petunia, sales of this popular Annual have skyrocketed. Always a leader—Petunias are now "first" among the bedding and pot plant annuals from seed.

You can't help but have the finest when you grow F-1 Hybrids. Good sized flowers, compact plants, bright colors, freedom of bloom over a long season, to mention a few of its qualities, are responsible for its increased interest. Combine these with its hybrid vigor (the result of many years of plant breeding) and you have the finest strain of Petunias available.

Every lot of each variety is tested in our laboratory for germination, and in our greenhouse and under field conditions at our Trialing Area at Cantigny Farm near Wheaton, Illinois.

F-1 HYBRID GRANDIFLORAS. These have the largest and showiest of flowers in the F-1 Hybrids. There is nothing finer for pot and pak sales, use in combinations or as a bedding plant. Our "Instant Glamour" varieties are outstanding and leaders in their class.

SOW SEED in mid-November and have good blooming plants of the F-1 Hybrid Grandifloras in 4 inch for Easter and through April. 3 inch plants can be had in flower by May 1 from a mid-December sowing while January 1 sowing insures good 3 inch plants for Decoration Day. From an early March sowing, grown at 50°, good pak or flat grown plants can be had for May bedding plant sales.

F-1 Hybrid Grandifloras

The large flowers average 3½ to 4 inches across with a plant spread of 20 to 24 inches. Most are well fringed, a few so gracefully ruffled it adds to the attractiveness of the rich flower colors. Vigorous growers, very free flowering. 12 to 15 in.

WHITE

Aristocrat Improved. An early pure white with well fringed flowers on dwarf compact plant. The yellow throat providing an interesting color contrast. **A**

La Paloma. Gracefully fringed pure white with yellow throat. **A**

Snow Cap Improved. Pure white. A dwarf, compact and vigorous plant covered with large pure white flowers averaging 3½ inches in size. Very showy and quite early. **B**

Snow Lady. An early flowering, well fringed pure white. Dwarf compact plant. Very early. **B**

White Cascade. Purest paper white. See page 35. **A**

White Magic. A popular free flowering early white. Profuse bloomer. **A**

CRIMSON

Matador (Toreador). Ruffled flowers of solid deep velvety crimson-red. **A**

Sugar Daddy. Pencilled orchid-purple. See page 35. **A**

BLUE and PURPLE

Blue Lace. Light orchid-blue pencilled with a deeper violet-blue. **A**

Blue Lustre. Large waved blooms of deep violet blue produced in great profusion on compact low-growing plants. Retains plant habit throughout the entire growing season. **A**

Blue Magic. Rich violet blue flowers, compact plants with contrasting foliage. **A**

Blue Mantle. Ruffled flowers of rich violet blue. Blooms are well displayed on the dwarf, yet erect, plants. **B**

Capri. (New). The finest "true blue" in the F-1 Grandiflora Petunias. No trace of violet in this new blue Petunia. Compact, free branching and early. Flowers average 3-3½ inches. A color long needed in the grandiflora group. Illustrated on page 36. **A**

Lavender Lace. Rosy-orchid lavender, pencilled with a deeper tone. **A**

Serenade. Rich violet-blue with contrasting cream-white stamens. **A**

Sky Magic. (New). Light heavenly blue. Large flowered, plain edged, the first silvery sky-blue Petunia. **A**

PRICE CODE	½ Tr. Pkt. (500 Seeds)	Trade Pkt. (1000 Seeds)	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.	1/2 oz.	Oz.
A	**$1.50**	**$2.75**	**$4.75**	**$8.75**	**$16.75**	**$32.00**	**$60.75**	**$115.75**	**$220.50**	**$420.00**
B	**1.10**	**2.00**	**3.50**	**6.00**	**11.00**	**20.00**	**36.00**	**65.00**	**125.00**	**240.00**

We have coded the prices of our F-1 Hybrid Petunias. Letter following variety description corresponds to coded price above.

PETUNIA F-1 WHITE CASCADE

PETUNIA F-1 RED CASCADE

CASCADE SERIES

With an increased interest in plantings for window and porch boxes, hanging baskets or containers of annuals, it was imperative that a new strain of Petunias be developed to answer this need. **Cascade Petunias** are the answer.

Extra large flowers, earliness and freedom of bloom, bright clear colors combine with a plant habit just suited to this purpose. Cascades, too, are excellent in the garden border where a splash of color is needed.

The Red and White Cascades pictured are an excellent combination. There are five new Petunias, all with this Cascade habit, don't overlook a single one—you'll have plenty of call—be sure to include them in your bedding plant line for 1964.

Fandango. A violet-blue and white bicolor that is bright in color and very free flowering. **A**

Pink Cascade. Bright clear pink with light yellow throat. Perhaps the largest flowered of the Cascades. Truly outstanding. **A**

Red Cascade. Fiery bright scarlet-red. Very striking when used in combination with white. **A**

Sugar Daddy. (New). This newest addition to the group is pencilled orchid-purple and might best be described as a large flowered "Sugar Plum". A novelty color that has proven its value in the Multifloras. **A**

White Cascade. Giant, glistening white blooms, moderately ruffled, averaging better than 4 inches in diameter. It's extra early—about a week earlier than other grandiflora whites. **A**

PRICE CODE	½ Tr. Pkt. (500 seeds)	Trade Pkt. (1000 seeds)	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.	1/2 oz.	Oz.
A	**$1.50**	**$2.75**	**$4.75**	**$8.75**	**$16.75**	**$32.00**	**$60.75**	**$115.75**	**$220.50**	**$420.00**
B	**1.10**	**2.00**	**3.50**	**6.00**	**11.00**	**20.00**	**36.00**	**65.00**	**125.00**	**240.00**

We have coded the prices of our F-1 Hybrid Petunias. Letter following variety description corresponds to coded price above.

PETUNIA F-1 SALMON LUSTRE

PETUNIA F-1 CAPRI

F-1 HYBRID GRANDIFLORA PETUNIAS

Pink and Rose

Flirt. Clear light pink. **B**

Maestro. Bright rose-red accented by a soft gold throat. **A**

Pink Cascade. Bright clear pink with light yellow throat. See page 35. **A**

Pink Desire. A clear bright pink that does not fade under the most trying conditions. Early, free flowering. Excellent for pots, combinations or the garden border. Illustrated on page 34. **A**

Pink Magic. An early free flowering bright pink. **A**

Prima Donna Improved. Warm rose pink. Earlier and more free flowering than the original introduction. **A**

Red and Scarlet

Fire Dance. Deep scarlet with contrasting throat of rich gold. **A**

Fire Gleam. Medium sized fringed flowers of a vivid salmon-scarlet. **B**

Red Cascade. Fiery bright scarlet-red. See page 35. **A**

Red Ensign. Considered the best of the deep scarlet-reds in the plain edged group. One of the finest for general use. Illustrated page 34. **B**

Scarlet Lustre. Brilliant scarlet-red high-lighted by a rich yellow throat. **A**

Tango Improved. Moderately ruffled 3½-4 inch flowers of brilliant scarlet-red. Luxurious green foliage. **A**

Bicolors

Calypso. Well fringed flowers of brilliantly variegated scarlet and white. Dense growing, compact plants. Very free flowering. **A**

Cavalier. The salmon-white counterpart of Crusader. Nicely fringed flowers. **A**

Crusader. Gaily striped rose pink on white. **A**

Fandango. Huge flowers of rich violet-blue and white. See page 35. **A**

Minstrel Improved. Large blooms of white marked with rich blue. A distinct combination. **B**

Sabre Dance. Large moderately ruffled flowers of bright crimson with white star. Makes a very brilliant display. **A**

PRICE CODE	½ Tr. Pkt. (500 seeds)	Trade Pkt. (1000 seeds)	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.	1/2 oz.	Oz.
A	**$1.50**	**$2.75**	**$4.75**	**$8.75**	**$16.75**	**$32.00**	**$60.75**	**$115.75**	**$220.50**	**$420.00**
B	**1.10**	**2.00**	**3.50**	**6.00**	**11.00**	**20.00**	**36.00**	**65.00**	**125.00**	**240.00**

We have coded the prices of our F-1 Hybrid Petunias. Letter following variety description corresponds to coded price above.

F-1 HYBRID GRANDIFLORA PETUNIAS

Salmon

Ballerina. Soft glowing salmon. Sunproof. **A**

Fairyland. Fringed flowers of light salmon-pink. **B**

Maytime. The light salmon-pink flower is so large they literally cover the plant. **A**

Salmon Lustre. Rich salmon pink, large ruffled blooms. Free flowering. Blooms throughout the entire season. Illustrated page 36. **A**

Ballet Mixed. Our own "formula blend" which includes all the F-1 Grandifloras in just the right proportions. An outstanding mixture of colors. **A**

All F-1 Hybrid and All Double Petunias now supplied in **V-seal** packages.

What does this mean? What protection does it give you, the grower? Why is Vaughan's offering you this new packaging process?

V-seal packages are your assurance of better seeds. The seed to be packaged in V-seal must be dried very carefully after harvest, utilizing the most modern scientific methods. This eliminates chances taken under old methods of curing seeds and reduces the chance of seed-borne diseases and insect infestation, and also reduces injury with resulting loss of seedling vigor.

V-seal packages are your assurance of higher germination. V-seal packaged seed is dried as described above, then stored in moisture-proof bulk containers under continuing ideal conditions until germination tests have been completed.

V-seal is your assurance that the seed will store longer. It is packaged in various size units in a room held under rigid control at very low humidity and uniform temperature. Once heat-sealed the **V-seal** pouch maintains the low relative humidity like a time capsule, regardless of surrounding conditions. This sealed-in climate travels with the seed and aging is retarded.

PRICE CODE	½ Tr. Pkt. (500 seeds)	Trade Pkt. (1000 seeds)	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.	1/2 oz.	Oz.
A	**$1.50**	**$2.75**	**$4.75**	**$8.75**	**$16.75**	**$32.00**	**$60.75**	**$115.75**	**$220.50**	**$420.00**
B	**1.10**	**2.00**	**3.50**	**6.00**	**11.00**	**20.00**	**36.00**	**65.00**	**125.00**	**240.00**

We have coded the prices of our F-1 Hybrid Petunias. Letter following variety description corresponds to coded price above.

The F-1 Hybrid Multifloras

PETUNIA PINK SATIN

PETUNIA WHITE SATIN

PETUNIA RED SATIN

ANNUAL 280,000 seeds oz. 68° 1-2 weeks

Only in size of flower does the F-1 Hybrid Multiflora Petunia differ from her F-1 Hybrid Grandiflora sister. Medium sized blooms are produced in great profusion and literally cover the entire plant. Brilliant color tones, earliness, freedom of bloom over a long season, as well as compact plant habit make the F-1 Hybrid Multiflora particularly adaptable to bedding plant sales.

Use them in combinations where their brilliant color tones will stand out. For "mass effect" or use in the border, they are unexcelled.

Don't overlook potting a few in 3's for the late June buyer.

Increase your bedding plant sales with the F-1 Hybrid Multiflora Petunias. Have them available in good quantity. We offer only varieties that have proven by actual test their ability to withstand the most trying conditions.

Instant Glamour *everywhere you go!*

SATIN PETUNIAS THE SIX SMOOTHEST SELLERS

"As Smooth As Satin" is truly descriptive of these beautiful Petunias. Heavy textured flowers, lustrous rich color tones and freedom of bloom and dwarf compact habit make "The Satins" the most desired of the F-1 Multifloras. The flowers of the Satin Series come back quicker than other Multifloras after the rains. You can't go wrong with "The Satins."

Satin Petunia Collection. 1 each 6 trade pkts. (1000 seeds each color), Coral Satin, Dawn Satin, Peach Satin, Pink Satin, Red Satin, White Satin, for **$9.50.**

Salmon

Coral Satin. Masses of coral-rose blooms, deeper and more intense in color than Peach Satin. Very free flowering, as are all the Satins. **C**

Linda. Delicate light salmon-pink. Extra dwarf and weather resistant. **C**

Peach Satin. Soft coral changing to soft salmon pink. **C**

Sioux. Deep salmon-rose. In color midway between Linda and Comanche. **C**

Coral Satin (All America Bronze Medal 1961). Masses of coral-rose blooms, deeper and more intense in color than Peach Satin. **C**

Dawn Satin. Soft light pink, a very delicate color. **C**

Peach Satin. Soft coral changing to soft salmon pink. **C**

Pink Satin. Intense rose-pink with white blotch deep in throat. **C**

Red Satin. Brilliant scarlet-red, does not fade in hot sun. **C**

White Satin. Purest white. The earliest of the white Multifloras to bloom. **C**

Pink and Rose

Cherokee. A warm mid-rose. Very free flowering. **C**

Dawn Satin. Soft light pink. A delicate color tone. **C**

Inca. Deep rose-red with a gold throat. A sharp color for contrast. **C**

Pink Satin. Intense rose-pink with white blotch in throat. **C**

Venus. Clear rose-pink. Dwarf spreading plants. **C**

We have coded the prices of our F-1 Hybrid Petunias. Letter following variety description corresponds to coded price below.

PRICE CODE	½ Tr. Pkt. (500 Seeds)	Trade Pkt. (1000 Seeds)	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.	1/2 oz.	Oz.
C	**$1.00**	**$1.75**	**$3.00**	**$5.50**	**$10.00**	**$19.25**	**$36.50**	**$ 69.50**	**$132.00**	**$252.00**
D	**1.35**	**2.50**	**4.00**	**8.00**	**15.50**	**30.00**	**57.00**	**108.00**	**214.00**	**390.00**

PETUNIA F-1 BRASS BAND

PETUNIA F-1 SUGAR PLUM

PETUNIA F-1 HYBRID MULTIFLORA

Cream Yellow

Brass Band. Attractive deep cream-yellow flowers. The deepest in this color tone. Very free flowering. Holds up well under our difficult middle west conditions. **C**

White

Paleface. Pure white with a creamy throat. Unexcelled where mass effect is desired. **C**

White Satin. Purest white. The earliest to bloom of the Multifloras. **C**

Blue

Blue Ribbon. Deep violet blue. Except for a larger plant habit, has all the fine characteristics found in The Satins. Considered the best blue in the Multiflora group. **C**

Mercury. Light heavenly blue. The light yellowish throat enhances the soft blue color tone. **C**

Neptune. Medium violet blue. **C**

Crimson

Mars. Velvety blood red. **C**

Sugar Plum. Bright orchid-pink pencilled and shaded orchid-purple. Blends well in combinations. **C**

Red

Aztec. Bright red with gold throat. The smaller version of Fire Dance. Very free flowering. **C**

Comanche Improved. Deep scarlet-red. Dwarf, compact and a profuse bloomer. **C**

Red Satin. Brilliant scarlet-red. Does not fade. **C**

PETUNIA F-1 STAR TROPHY

Bicolors

Comet. Crimson red with a bright and sharply defined white star. **C**

Glitters. Distinct white stripe on a rich red background. A brilliant color combination. **D**

Polaris. Violet-blue with contrasting white star. **C**

Satellite. Bright rose with clean white star. A brilliant color combination. **C**

Star Master. Deep violet ground with purest white star. Very even. Early and free flowering. **C**

Star Trophy. Uniform white stars on rich blue ground. Good flower size, dwarf compact plant. **C**

PRICE CODE	½ Tr. Pkt. (500 Seeds)	Trade Pkt. (1000 Seeds)	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.	1/2 oz.	Oz.
C	$1.00	$1.75	$3.00	$5.50	$10.00	$19.25	$36.50	$ 69.50	$132.00	$252.00
D	1.35	2.50	4.00	8.00	15.50	30.00	57.00	108.00	214.00	390.00

We have coded the prices of our F-1 Hybrid Petunias. Letter following variety description corresponds to coded price above.

Large Single (Grandifloras)

PETUNIA F-1
CAN CAN MIXED

★Extra Dwarf California Giants F-1 Hybrid

Can Can Mixed. An extra early strain. Hybrid vigor assures you the plants are more uniformly compact and dwarf; flowers larger and colors more brilliant. Will not burn out. Truly an outstanding strain. ½ Trade pkt. (500 seeds), **$2.75;** trade pkt. (1000 seeds), **$4.50;** 1/128 oz., **$8.50;** 1/64 oz., **$16.00;** 1/32 oz., **$29.50;** 1/16 oz., **$58.00;** ⅛ oz., **$110.00.**

Ruffled Giants with Large-Veined Throats

Tall "giants" averaging 5 to 6 inches in diameter. Heavily ruffled, deep throated blooms. A free flowering mixture of light and dark shades. Particularly suited to outdoor growing where they provide brilliant color under the most adverse conditions.

Giants of California Mixed. This is a most superb mixture, not at all to be compared with the seed usually offered. 1/128 oz., **75c;** 1/64 oz., **$1.35;** 1/32 oz., **$2.50;** 1/16 oz., **$4.50;** ⅛ oz., **$8.00;** ¼ oz., **$15.00;** ½ oz., **$27.00;** oz., **$45.00.**

For Bedding and Pots

Strong free flowering plants. Large flowers averaging 3 to 4 inches across, many plain edged, others ruffled and fringed, all of heavy substance and velvety texture. Much in demand for pot and general garden use. 12 to 16 in.

★Dwarf California Giants

Despite the popularity of the newer F-1 Hybrid Petunias, the "Dwarf Giants" are still the favorites of the home gardener and those requiring the unusual in pot plants or combinations. Large deep throated ruffled giants in colors that are bright and clear. Dwarf compact plants that lend themselves to a variety of uses. Offer heavy 3 inch for Mother's Day (sow about December 15) and have blooming 3 inch for May bedding sales from a January sowing.

MASTER BLEND®

Vaughan's Master Blend.® We consider this our finest strain of "Dwarf Giants," whether it be for pots or bedding. Giant flowers on dwarf plants. In bloom when plants are small, salables are quickly produced. A formula-blend of seed from specially selected plants to which are added new colors from the workshop of the hybridizer, not yet released, such as Rose, Copper and Pinks, none of which will be found in any other strain. Bushy 12 inch plants, large ruffled blooms. Warm color tones predominate.

Dark Selection. A favorite with many growers and it has given universal satisfaction.

Extra Dwarf Giants of California. A specialists' selection bred to fill the needs of the pot plant grower. The color range is being constantly enlarged. Considered the finest of the "Dwarf Giants" for spring pots.

Each of the above 3: ½ Trade pkt. (1000 seeds), **$1.00;** Trade pkt. (2000 seeds), **$1.75;** 1/64 oz., **$3.50;** 1/32 oz., **$6.00;** 1/16 oz., **$11.00;** ⅛ oz., **$20.00;** ¼ oz., **$36.00;** ½ oz., **$70.00;** oz., **$130.00.**

Fringed

★Fringed Snowstorm. Pure glistening white flowers with a slight tinge of yellow in the throat. Blooms are deeply fringed. Breaks nicely to produce a compact plant. Ideal for pots and bedding. 1/128 oz., **$1.25;** 1/64 oz., **$2.25;** 1/32 oz., **$3.75;** 1/16 oz., **$6.75;** ⅛ oz., **$12.00;** ¼ oz., **$22.00;** ½ oz., **$40.00;** oz., **$80.00.**

★Fluffy Ruffles. Large flowers, finely fringed and ruffled. A balanced blend of pinks, white, salmon, deep rose and light blue. Outstanding in our Trials.
1/128 oz., **$1.00;** 1/64 oz., **$1.90;** 1/32 oz., **$3.75;** 1/16 oz., **$5.75;** ⅛ oz., **$10.50;** ¼ oz., **$19.00;** ½ oz., **$35.00;** oz., **$70.00.**

Little Giants Mixed. A brilliant and gay mixture. Large fringed and ruffled flowers cover the dwarf erect growing plants. Colors range from red to pink and red and white combinations. 1/128 oz., **85c;** 1/64 oz., **$1.55;** 1/32 oz., **$2.75;** 1/16 oz., **$5.00;** ⅛ oz., **$9.00;** ¼ oz., **$16.00;** ½ oz., **$28.75;** oz., **$48.00.**

PETUNIA POPCORN

Plain Edged

Bingo. Variegated crimson-red and white. Huge flowers, particularly eye-catching for pots and early sale.
Trade pkt. (1000 seeds), **$1.00;** 1/128 oz., **$1.75;** 1/64 oz., **$3.00;** 1/32 oz., **$5.25;** 1/16 oz., **$9.50;** ⅛ oz., **$17.25;** ¼ oz., **$33.00;** ½ oz., **$63.00;** oz., **$120.00.**

★Dwarf Elk's Pride. Velvety violet. Customers will find our strain vastly superior to quality usually offered. It is really "re-selected." 1/128 oz., **$1.15;** 1/64 oz., **$2.00;** 1/32 oz., **$3.30;** 1/16 oz., **$5.75;** ⅛ oz., **$11.00;** ¼ ox., **$20.00;** ½ oz., **$36.00;** oz., **$72.00.**

Popcorn. Pure white flower, dwarf compact plants which retain habit through season.
1/128 oz., **$1.50;** 1/64 oz., **$2.75;** 1/32 oz., **$5.00;** 1/16 oz., **$9.50;** ⅛ oz., **$18.00;** ¼ oz., **$33.00;** ½ oz., **$60.00;** oz., **$100.00.**

★Snow Storm Improved. Flowers are the purest white and the uniformity of the dwarf compact growth is marvelous.
1/128 oz., **$1.15;** 1/64 oz., **$2.00;** 1/32 oz., **$3.30;** 1/16 oz., **$5.75;** ⅛ oz., **$11.00;** ¼ oz., **$20.00;** ½ oz., **$36.00;** oz., **$72.00.**

White Cloud. 12 in. A great favorite on account of its dwarf compact habit.
1/128 oz., **$1.15;** 1/64 oz., **$2.00;** 1/32 oz., **$3.30;** 1/16 oz., **$5.75;** ⅛ oz., **$11.00;** ¼ oz., **$20.00;** ½ oz., **$36.00;** oz., **$72.00.**

F-2 Grandiflora

Carnival. A wide color range in vigorous grandiflora type, about 80% of the blooms being large and fringed, waved and ruffled. Seed is from specially selected and bred varieties of F-1 Petunias from which it obtains plant vigor, habit and freedom of bloom.
1/128 oz., **$1.35;** 1/64 oz., **$2.40;** 1/32 oz., **$3.85;** 1/16 oz., **$7.00;** ⅛ oz., **$12.00;** ¼ oz., **$21.00;** ½ oz., **$37.75;** oz., **$63.00.**

Dwarf Bedding Petunias

Dwarf compact free flowering plants, medium sized plain edged single flowers. Our list includes the "tried and true" favorites much in demand by the bedding plant grower. We have not included the F-1 Hybrid Multifloras which are in a class by themselves. 12 to 16 in.

Admiral, Extra Reselected. Dwarf clear blue of good size and even compact growth. 1/128 oz., **85c;** 1/64 oz., **$1.50;** 1/32 oz., **$2.75;** 1/16 oz., **$5.00;** 1/8 oz., **$9.50;** 1/4 oz., **$17.00;** 1/2 oz., **$30.50;** oz., **$50.00.**

Blue Bedder. An early flowering mid-blue. 1/16 oz., **55c;** 1/8 oz., **$1.00;** 1/4 oz., **$1.65;** 1/2 oz., **$3.00;** oz., **$5.00;** 4 oz., **$15.00;** lb., **$45.00.**

Celestial Rose Improved. Bright rose-pink. A fine strain for pots and bedding. 1/16 oz., **65c;** 1/8 oz., **$1.10;** 1/4 oz., **$2.00;** 1/2 oz., **$3.60;** oz., **$6.60;** 4 oz., **$20.00;** lb., **$60.00.**

Elk's Star. The blue-purple of Howard's Star uniformly marked with pure white star. Combines well with Rosy Morn both for height and interesting color arrangement. 1/128 oz., **85c;** 1/64 oz., **$1.50;** 1/32 oz., **$2.75;** 1/16 oz., **$5.00;** 1/8 oz., **$9.50;** 1/4 oz., **$17.00;** 1/2 oz., **$30.50;** oz., **$50.00.**

Fire Chief. Brilliant scarlet-red, very free flowering over a long season. A popular retail color. 1/64 oz., **55c;** 1/32 oz., **$1.00;** 1/16 oz., **$1.75;** 1/8 oz., **$3.00;** 1/4 oz., **$5.00;** 1/2 oz., **$9.00;** oz., **$15.00;** 4 oz., **$45.00.**

King Henry (Dwarf Flaming Velvet). Rich velvety blood-red. Very free flowering. Excellent pot variety. 1/128 oz., **85c;** 1/64 oz., **$1.50;** 1/32 oz., **$2.75;** 1/16 oz., **$5.00;** 1/8 oz., **$9.50;** 1/4 oz., **$17.00;** 1/2 oz., **$30.50;** oz., **$50.00.**

Lipstick. Medium sized single flowers of rich carmine rose with just a suggestion of salmon. Shows resistance to fading. 1/64 oz., **50c;** 1/32 oz., **90c;** 1/16 oz., **$1.40;** 1/8 oz., **$2.20;** 1/4 oz., **$4.00;** 1/2 oz., **$7.00;** oz., **$12.00.**

Rosy Morn Select. Pink with white throat. 1/16 oz., **60c;** 1/8 oz., **$1.00;** 1/4 oz., **$1.75;** 1/2 oz., **$3.15;** oz., **$5.50;** 4 oz., **$16.00;** lb., **$48.00.**

Vaughan's Special Dwarf Mixture. Our own "formula-blend" which includes all the varieties listed. Free flowering, bright colors. 1/16 oz., **60c;** 1/8 oz., **$1.00;** 1/4 oz., **$1.75;** 1/2 oz., **$3.15;** oz., **$5.50;** 4 oz., **$16.00;** lb., **$48.00.**

Dwarf Bedding Mixed. An interesting blend of bedding sorts. 1/16 oz., **50c;** 1/8 oz., **90c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$4.50;** 4 oz., **$13.00;** lb., **$40.00.**

PETUNIA F-2 STAR DUST MIXED

PETUNIA F-2 COLORAMA

F-2 DWARFS — The Improved Bedding Strain

The F-2 Petunias are rapidly superseding the open pollinated varieties with which they should be compared as in all instances they will be found superior in hybrid vigor and trueness to color.

Glow. Flowers of dazzling carmine rose averaging 2½ inches in size. A colorful, free flowering variety for mass effect in the garden.

Silver Blue. This soft silver blue replaces the popular Sky Chief. Shows a definite tendency to resist fading under hot weather conditions.

Snowball Improved. Good sized flowers, compact plants and freedom of bloom over a long season have combined to make this the finest of the "bedding whites."

Twinkles. Hybrid vigor and trueness to color have been bred into this brilliant rose flower with its well defined white star.

Each of the above 4: 1/32 oz., **55c;** 1/16 oz., **$1.00;** 1/8 oz., **$1.65;** 1/4 oz., **$3.00;** 1/2 oz., **$5.40;** oz., **$9.00;** 4 oz., **$33.00;** lb., **$100.00.**

F-2 Dwarf Mixtures

The F-1 Hybrid varieties used in these mixtures are planted and harvested as separate colors and then carefully blended to insure perfect color balance. Uneven plant habit, so often found in even the finest of Bedding Mixtures, is eliminated by the use of the F-2 Mixture. 15 to 18 in.

Colorama. Uniformly large blooms, compact even habit, very free flowering. A complete range of color from white to deepest blue and red, some starred combinations. 1/32 oz., **55c;** 1/16 oz., **$1.00;** 1/8 oz., **$1.75;** 1/4 oz., **$3.00;** 1/2 oz., **$5.40;** oz., **$8.00;** 4 oz., **$24.00;** lb., **$72.00.**

Star Dust Mixed. A carefully selected blend of F-2 starred varieties. Colors are bright and varied, ranging from soft pink to deepest rose as well as blues and violet. Star markings are distinct, plant habit and growth exceedingly uniform. 1/32 oz., **$1.30;** 1/16 oz., **$2.35;** 1/8 oz., **$4.25;** 1/4 oz., **$7.50;** 1/2 oz., **$13.50;** oz., **$22.50.**

Phlox Drummondi

ANNUAL 15,000 seeds oz. 68° 2-3 weeks.

A showy bedding annual more popular than ever. Neat compact habit, freedom of bloom and ability to withstand heat combine in making the Phlox valuable bedding and border material. Bright attractive colors.

The neat, compact plant habit of the dwarf sorts make them especially valuable for use in combinations or as small pot plants. Grow some of our Dwarf Master Blend and you'll find ready sale in 3's or 4's. Handle as you would Petunias, sowing at the same time.

DWARF SORTS 6 to 8 in. Dwarf and compact, for low borders.

Vaughan's Beauty. Large flowered dwarf Phlox for pots, combinations and border. Compact, free flowering. 8 in.

Blue Beauty	**Pink Beauty**
Salmon Beauty	**Scarlet Beauty**
White Beauty	**Formula Mixed**

Each of the above: 1/8 oz., **85c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$4.50;** 4 oz., **$16.00;** lb., **$58.00.**

Globe Mixed. Uniform, compact habit. The full plants are globe or dome shaped. Well balanced color range. Very showy. 8 in. 1/16 oz., **85c;** 1/8 oz., **$1.50;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$8.00;** 4 oz., **$24.00;** lb., **$72.00.**

Twinkle. Dainty star-like flowers with pointed petals, in a wide range of color that includes solids as well as many bicolors. The dwarf compact habit of the plant and freedom of bloom make it ideal for pots, combinations and bedding. 1/16 oz., **75c;** 1/8 oz., **$1.25;** 1/4 oz., **$2.00;** 1/2 oz., **$3.50;** oz., **$6.00;** 4 oz., **$18.00;** lb., **$54.00.**

Instant Glamour

Dwarf Master Blend. Comes into flower when plants are quite small. A striking array of gay, bright colors. Early blooming for flat growers; well adapted to pot and combination work or for use in the garden border. "Our Finest Florist Strain." 1/16 oz., **75c;** 1/8 oz., **$1.25;** 1/4 oz., **$2.00;** 1/2 oz., **$3.50;** oz., **$6.00;** 4 oz., **$18.00;** lb., **$54.00.**

GRANDIFLORA 15 to 18 in. These make fine cutflowers.

Vaughan's Special Annual Mixture. A formula blend that includes all the popular color tones. 1/8 oz., **55c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$27.00.**

Cuspidata Mixed. (Star of Quedlinburg). A mixture of star-shaped flowers. A good range of color. 1/8 oz., **55c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$27.00.**

Gigantea Art Shades. Soft pastel color tones, all with white eye. Large individual florets. 1/8 oz., **70c;** 1/4 oz., **$1.20;** 1/2 oz., **$2.15;** oz., **$3.60;** 4 oz., **$10.75;** lb., **$32.00.**

Glamour. The extra large blooms are borne in graceful clusters on dwarf bushy plants. Ideal for bedding and cutting. 12 in. 1/64 oz., **85c;** 1/16 oz., **$2.50;** 1/8 oz., **$4.50;** 1/4 oz., **$8.00;** 1/2 oz., **$15.00;** oz., **$30.00.**

PHLOX DWARF MASTER BLEND

Phlox

PERENNIAL 2,500 seeds oz.

Recommended over-winter freezing. Sow outside in late Fall and seed will germinate in Spring. Can also be refrigerated for one month and then sown.

Divaricata. Flowers are of royal blue-lavender which varies a bit. Fragrant. 1 1/4 ft. 1/32 oz., **70c;** 1/16 oz., **$1.25;** 1/8 oz., **$2.20;** 1/4 oz., **$4.00.**

Decussata. Perennial varieties mixed. Seed germinates slowly. 1/8 oz., **55c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$32.00.**

Philodendron

Two excellent pot plants, easily grown from seed. Seedling growth is rapid; well developed 4 to 6 inch pot plants can be had by Fall from early Spring sowing.

Philodendron × Barryii. A hybrid of P. Binnatifidum × P. Selloum. Attractive oak leaf type.

Philodendron × Magnificum. A hybrid of P. Selloum and P. Eichleri. Large semi-cut leafed species. Leaves are longer and less serrated than P. Barryii.

Each above 2: 100 seeds **$1.40 net;** 250 seeds **$3.00 net;** 1000 seeds **$9.00 net.**

Physalis

PERENNIAL 18,000 seeds oz. 54-90° 3-4 weeks.

Franchetti (Chinese Lantern Plant). Large bright orange scarlet pods, useful for winter decorations. 1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$10.00;** lb., **$36.00.**

Physostegia

PERENNIAL 16,000 seeds oz. 54-90° 2-3 weeks.

Virginica. Deep rose flowers in close compact spikes. 1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.25;** 1/2 oz., **$2.25;** oz., **$4.00;** 4 oz., **$14.00;** lb., **$42.00.**

Platycodon

PERENNIAL 28,000 seeds oz. 54-90° 2-3 weeks.

Bell-like flower on graceful stem from June to September. An attractive garden perennial.

Grandiflorum Blue, 28 in. **Album White,** 28 in.

Each of the above 2: 1/16 oz., **50c;** 1/8 oz., **85c;** 1/4 oz., **$1.55;** 1/2 oz., **$2.80;** oz., **$4.50;** 4 oz., **$13.50.**

Mariesii. Dark blue, dwarf, 16 in. 1/16 oz., **50c;** 1/8 oz., **90c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$5.00;** 4 oz., **$18.00.**

Plumbago

ANNUAL 2,000 seeds oz. 68-86° 3-4 weeks.

Capensis. Spikes of rich pale blue flowers. 100 seeds, **$1.00;** 1,000 seeds, **$10.00.**

Poppy—Papaver

ANNUAL 72,000 seeds oz., 55° 1-2 weeks.

American Legion. Orange-scarlet flowers; are remarkable keepers.

Shirley (Rhoeas). **Sweet Briar.** A delightful shade of deep rosepink. The blossoms are full double, resembling a very large double begonia.

Vaughan's Special Mixture of Shirley Varieties.

Each of above 3: 1/4 oz., **35c;** 1/2 oz., **60c;** oz., **$1.00;** 4 oz., **$3.00;** lb., **$9.00.**

Shirley Double Mixed. Bright colors. 1/16 oz., **30c;** 1/8 oz., **45c;** 1/4 oz., **75c;** 1/2 oz., **$1.35;** oz., **$2.25;** 4 oz., **$6.75.**

Nudicaule (Iceland) × Poppy

PERENNIAL 448,000 seeds oz. 54° 1-2 weeks.

NUDICAULE (Iceland). The best strain for Spring greenhouse forcing. Recommend seed be sown directly into beds or pots. Quick growing, showy border plant.

Giant Hybrids. Large flowers, sturdy stem and a wide range of color. Includes the finest of the Nudicaule (Iceland) Strains. 1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$27.00.**

Oriental Poppy

PERENNIAL 150,000 seeds oz. 54° 1-2 weeks.

ORIENTALE. Crinkled petals, large cup-like flower. After cutting newly opened flower in early morning or late evening, they will keep 3 to 5 days in water if stem is burned within 5 minutes.

Orientale (Oriental Poppy). Scarlet. 3 ft. 1/8 oz., **40c;** 1/4 oz., **75c;** 1/2 oz., **$1.35;** oz., **$2.20;** 4 oz. **$6.50;** lb., **$20.00.**

Beauty of Livermere. Oxblood-red with dark blotch.

Princess Victoria Louise. Light orange-salmon flower.

Orientale Hybrids. Our own formula-blend.

Each of the above 3: 1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.25;** 1/2 oz., **$2.25;** oz., **$4.00;** 4 oz., **$12.00;** lb., **$36.00.**

Portulaca—Moss Rose

ANNUAL 300,000 seeds oz. 68-86° 2-3 weeks.

A showy annual. Sow seed thinly in flats for late spring sales.

Double Finest Mixed. Double flowers resembling miniature roses. A brilliant array of color, including orchid and salmon tones. Comes practically 100% full-double.
1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.25;** 1/2 oz., **$2.25;** oz., **$3.90;** 4 oz., **$11.00;** lb., **$33.00.**

Single Jewel. A brilliant deep crimson coloring; flowers four times as large as the average. 1/16 oz., **50c;** 1/8 oz., **90c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$5.00;** 4 oz., **$15.00.**

Single large-flowering sorts, mixed. 1/16 oz., **30c;** 1/8 oz., **55c;** 1/4 oz., **80c;** 1/2 oz., **$1.45;** oz., **$2.70;** 4 oz., **$8.00;** lb., **$24.00.**

Primula

See page 44

Pyrethrum (Painted Daisies)

PERENNIAL 18,000 seeds oz. 68-86° 1-2 weeks.

An excellent source of summer cutflowers, requiring a minimum of care. Double Pyrethrum does not produce 100% double flowers—the percentage is better the second year it blooms.

Roseum James Kelway. Deep scarlet, varies.

Robinson's Dark Crimson **Robinson's Rose**

Robinson's Giant Hybrids. Extra large single flowers, long stiff stems.

Each of the above 4: 1/16 oz., **60c;** 1/8 oz., **$1.05;** 1/4 oz. **$1.75;** 1/2 oz., **$3.15;** oz., **$5.00;** 4 oz., **$15.00;** lb., **$45.00.**

Double Mixed. Extra choice. 1/16 oz., **85c;** 1/8 oz., **$1.55;** 1/4 oz., **$2.75;** 1/2 oz., **$5.00;** oz., **$8.00;** 4 oz., **$24.00.**

Queen Anne's Lace Flower

ANNUAL 36,500 seeds oz. 68° 3-5 weeks.

Large lacy white flower heads. A good filler for baskets, 2 ft. 1/8 oz., **35c;** 1/4 oz., **60c;** 1/2 oz., **$1.05;** oz., **$1.80;** 4 oz., **$5.40.**

Ranunculus (Buttercup)

PERENNIAL 5,700 seeds oz. 68° 1-4 weeks.

Giant Mixed (Asiaticus). A reselected strain. Double large flowers in a wide range of color. 1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$32.00.**

Ricinus—Castor Beans

ANNUAL 60 seeds oz. 68-86° 2-3 weeks.

Tall large leaved plants for hedges and use as a windbreak.

Mixed. Many kinds. Oz., **35c;** 4 oz., **$1.00;** lb., **$3.00.**

Zanzibariensis (30 seeds per oz.) **Mixed.** Giant leaves. Oz., **35c;** 4 oz., **$1.00;** lb., **$3.00.**

Rock Plants

Perennial Mixed. 1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.20;** 1/2 oz., **$2.15;** oz., **$3.60;** 4 oz., **$10.50;** lb., **$32.00.**

PORTULACA DOUBLE FINEST MIXED

Baby Roses

Polyantha. Multitudes of tiny roses in varied and interesting colorings, largely white, blush and delicate pink. Flowers are single to fully double and more-or-less everblooming. Quickly grown from seed, may be had in flower within 3 months from sowing. For pots or window boxes, they bloom year after year with a minimum of attention.
1/128 oz., **75c;** 1/64 oz., **$1.35.**

Rudbeckia

PERENNIAL 7,000 seeds oz. 68-86° 2-3 weeks.

Purpurea (Echinacea). Reddish-purple flowers. 4 ft.
1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.30;** 4 oz., **$10.00;** lb., **$30.00.**

★Saintpaulias

ANNUAL 750,000 seeds oz. 85° 3-4 weeks.

Hybrids. Flowers are in varied shades of blue, lilac and pink; the plants dwarf, bushy and compact with leaves of dark green. Trade pkt., (800 seeds) **$2.00;** 1/128 oz., **$20.00;** 1/64 oz., **$37.50;** 1/32 oz., **$68.00;** 1/16 oz., **$125.00.**

Salpiglossis

ANNUAL 125,000 seeds oz. 68-86° 2 weeks.

A summer flowering showy annual, easily grown from seed. A greenhouse sowing in January-February will provide cutflowers in May-June. Velvety textured, funnel-shaped flowers. 20 in.

Bolero Mixed. (F-2). A new strain outstanding for flower size, vigorous growth and complete range of color. Blooms profusely. 1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.20;** 1/2 oz., **$2.15;** oz., **$3.60;** 4 oz., **$10.50.**

Saponaria

PERENNIAL 5,500 seeds oz. 68° 2-3 weeks.

Ocymoides Splendens. ×. Rosy purple. For border or rockery. 1/8 oz., **35c;** 1/4 oz., **50c;** 1/2 oz., **90c;** oz., **$1.50;** 4 oz., **$4.50;** lb., **$13.50.**

Scabiosa
(Pincushion Flower)

ANNUAL 4,500 seeds oz. 68-86° 2-3 weeks.

Dwarf Mixed. 8 in. 1/8 oz., **60c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Imperial Giants

Extremely large flowers composed entirely of broad frilled petals, arranged in a perfect ball, no "pincushion." Plants are tall and upright and bear flowers on long wiry stems. 42 to 48 in.

★**Vaughan's Super Crown Imperial Mixed.** Extremely large flowers arranged in a perfect ball. An excellent range of color. 1/8 oz., **40c;** 1/4 oz., **65c;** 1/2 oz., **$1.15;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Scabiosa

PERENNIAL 2,000 seeds oz. 68-86° 2-3 weeks.

The large flower heads often average 3 in. or more. Excellent as a cutflower. Seed germination sometimes slow.

Caucasica House's New Hybrids. Flowers very large and of beautiful form, ranging in color from light azure blue and lavender to deep blue and silvery white.
1/8 oz., **70c;** 1/4 oz., **$1.25;** 1/2 oz., **$2.25;** oz., **$4.00.**

Schizanthus

ANNUAL 50,000 seeds oz. 54° 1-2 weeks.

A January sowing will make choice 3 in. plants for spring combinations. Use Schizanthus flowers in corsages. They are long lasting and make up very attractively.

★**Vaughan's Dwarf Masterpiece.** The plants grow dwarf and compact. Flowers are of good size. Colors range from light pink and rose, to dark violet, with conspicuous blotches. 1/32 oz., **65c;** 1/16 oz., **$1.10;** 1/8 oz., **$1.80;** 1/4 oz., **$3.25;** 1/2 oz., **$5.85;** oz., **$10.00.**

Wisetonensis Monarch Strain. The finest strain of large flowered hybrids. 1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.35;** 1/2 oz., **$2.40;** oz., **$4.00.**

Shamrock

ANNUAL 28,000 seeds oz. 68° 1-2 weeks.

True Irish Strain. Sow in late December or January, 3 or 4 seedlings per pot, to flower in 2 inch pots for St. Patrick's Day. 1/8 oz., **25c;** 1/4 oz., **40c;** 1/2 oz., **70c;** oz., **$1.30;** 4 oz., **$4.00;** lb., **$12.00.**

Smilax

ANNUAL 4,000 seeds oz. 68-86° 3-4 weeks.

Asparagoides. Ornamental foliage plant.
1/8 oz., **70c;** 1/4 oz., **$1.25;** 1/2 oz., **$2.25;** oz., **$4.00.**

PRIMULA PACIFIC STRAIN MIXED

Primula Veris

PERENNIAL 33,000 seeds oz. 68° 3-6 weeks.

For spring pot work and garden border. Lift outdoor grown plants in Fall and have specimen pot plants from February on.

Veris Giant Crimson.
1/32 oz., **$1.00;** 1/16 oz., **$1.90;** 1/8 oz., **$3.30;** 1/4 oz., **$6.00;** 1/2 oz., **$10.75;** oz., **$18.00.**

Lutea. Yellow.
1/16 oz., **65c;** 1/8 oz., **$1.10;** 1/4 oz., **$2.00;** 1/2 oz., **$3.60;** oz., **$6.00.**

★**Colossea Mixed. Highly Commended Wisley Trials 1952.** Large flowerheads on long stiff stalks well above foliage. For cutflowers and early forcing. Individual florets average 1 3/4 in. Colors include shades of lilac, pink, copper as well as darkest red.
1/32 oz., **$1.25;** 1/16 oz., **$2.25;** 1/8 oz., **$3.30;** 1/4 oz., **$6.00;** 1/2 oz., **$10.75;** oz., **$18.00.**

★**Giant Bouquet. Award of Merit Wisley Trials 1952.** Flowers of exceptional size, produced in great numbers in a wide range of color, white to cream, yellow, scarlet, purple and crimson. Strong stems, excellent for cutting. The plant habit is dwarf and compact. A splendid show variety. 1/32 oz., **$1.35;** 1/16 oz., **$2.45;** 1/8 oz., **$3.50;** 1/4 oz., **$6.50;** 1/2 oz., **$11.75;** oz., **$20.00.**

Pacific Strain Polyanthus Primroses

The hardiest and easiest of primroses to grow. Long stems, large flower heads, wide clear range of color.

Blue Shades	**Scarlet and Bright Red**
White	**Rose Shades**
Pink Shades	**Yellow and Bronze Shades**

Mixed. A formula-blend.

Each of the above: 1/64 oz., **$4.00;** 1/32 oz., **$7.20;** 1/16 oz., **$12.00;** 1/8 oz., **$21.50;** 1/4 oz., **$36.00.**

Mixed. The Introducer's Strain. Trade pkt. (450 seeds), **$4.00.**

Primula Various Sorts

PERENNIAL 33,000 seeds oz. 68° 3-6 weeks.

Germination temperatures in this group will vary.

Acaulis Blue. The finest obtainable being regular and rich in color. 1/128 oz., **$1.10;** 1/64 oz., **$2.00;** 1/32 oz., **$3.60;** 1/16 oz., **$6.50;** 1/8 oz., **$11.75.**

Auricula, Monarch Strain Mixed. The finest strain of Exhibition Auricula. Wonderful markings on perfectly formed flowers. 1/32 oz., **95c;** 1/16 oz., **$1.75;** 1/8 oz., **$3.00;** 1/4 oz., **$5.25;** 1/2 oz., **$9.50;** oz., **$16.00.**

Japonica Mixed. Bright flowers borne in whorls on stems 6 to 9 in. long. 1/16 oz., **60c;** 1/8 oz., **$1.10;** 1/4 oz., **$2.00.**

Vulgaris. × True. Yellow Primrose. 6 in. 1/16 oz., **65c;** 1/8 oz., **$1.10;** 1/4 oz., **$1.90;** 1/2 oz., **$3.40;** oz., **$6.75.**

Primula Malacoides

ANNUAL 12,000 seeds 1/32 oz., 68-86° 2-3 weeks.

Malacoides or **Baby Primroses** are of easy culture. Grow in an airy cool house (45° fahrenheit night temperature) and take particular care planting is not allowed to get dry between waterings. Seed may be sown from May until October for Spring blooming pot plant sales. September sown seed will produce nice plants for Easter and Mother's Day. Sow in sterile soil.

Glory of Riverside Improved. True rose-pink.
1/128 oz., **$1.50;** 1/64 oz., **$2.75;** 1/32 oz., **$5.25;** 1/16 oz., **$9.50.**

Mrs. Eriksson of Riverside. Large flowers of deep rose-red.

White Giant. (Pure White). Large pure white flowers on strong stems; good for combinations.

Each of the above 2: 1/128 oz., **$1.85;** 1/64 oz., **$3.30;** 1/32 oz., **$6.00;** 1/16 oz., **$11.00.**

Malacoides Special Mixed. A formula-blend.
1/128 oz., **$1.50;** 1/64 oz., **$2.75;** 1/32 oz., **$5.25;** 1/16 oz., **$9.50.**

Primula Obconica

ANNUAL 4,000 seeds 1/32 oz., 55-90° 3-4 weeks.

A favorite pot plant. Showy large flowers. Sow from January on for bloom at Christmas and into early Spring.

Grandiflora Avalanche. White.

Dark Blood Red.

Sky-Blue (Konigsee). Extra-large flowers.

Fasbender Red. Flowers rich deep red of enormous size.

Mueller's (Berlin) Rose.

Mixed, many colors.

Each of the above: 1/128 oz., **$1.50;** 1/64 oz., **$2.75;** 1/32 oz., **$5.00;** 1/16 oz., **$9.00.**

Gigantea Wyaston Wonder Crimson. Huge heads of flowers carried on strong stems well above the foliage. In spite of the vigorous growth they make a compact and tidy plant. 1/128 oz., **$1.85;** 1/64 oz., **$3.30;** 1/32 oz., **$6.00;** 1/16 oz., **$10.50.**

Primula Chinese Giant

ANNUAL 18,000 seeds oz. 68° 3-4 weeks.

A showy, colorful pot plant. Popular with retail growers. Sow from March on for Christmas and later.

Vaughan's Special Mixture.
1/128 oz., **$1.10;** 1/64 oz., **$2.00;** 1/32 oz., **$3.50.**

Salvia Farinacea

Blue Bedder. (24,000 seeds per oz.) July 1. 3 ft. Compact plant, deep true blue flowers, dark stems, narrow leaves. Effective in mass planting. Long graceful stems for cutting. 1/16 oz., **50c;** 1/4 oz., **$1.50;** oz., **$4.50;** 4 oz., **$13.50;** lb., **$54.00.**

White Bedder. A pure white with the same plant habit and bloom date as Blue Bedder and Royal Purple. 1/16 oz., **55c;** 1/8 oz., **$1.00;** 1/4 oz., **$1.65;** 1/2 oz., **$3.00;** oz., **$5.00.**

Royal Purple. July 1-5. Deep violet-blue. Flowers early and more freely than the popular blue. Good spikes on stems of sufficient length for use in arrangements. Compact plant habit. Offer this in combination with Salvia St. John's Fire or Petunia F-1 Aristocrat Improved. Two color combinations that are very effective. 1/16 oz., **$1.00;** 1/8 oz., **$1.80;** 1/4 oz., **$3.00;** 1/2 oz., **$5.40;** oz., **$9.00.**

SALVIA SPLENDENS EVENING GLOW

Salvia Splendens

ANNUAL 7,500 seeds oz. 68-86° 2-3 weeks.

Glowing spikes of scarlet from late June to killing frost. There is nothing more brilliant or colorful than the "Scarlet Sage." Plants range from 10 to 30 inches.

To the popular Scarlet Salvia has now been added White, Rose and Salmon, which increases interest in this fine bedding plant annual.

Sow seed from January to March for late June to killing frost blooming. Variety in plant size demands a wide range in sowing dates. 4 in. plants are ready for May sales from a February sowing. Have 2¼ inch in peat pot or pak for May sales from a March sowing.

Salvias like heat and germinate best at 68-86 degrees, moving to 60 degrees. After transplanting grow on at 50 degrees. Do best in full sun when grown outdoors.

We have divided this family into three groups, the earliest in each group being first. Dates shown are from a late March sowing.

Evening Glow. All America Bronze Medal 1964. A distinctive old rose with lavender undertone and coral tongue. Long full spikes on a compact upright plant. Earlier by 10 days than red varieties with similar habit. Shows resistance to summer heat and retains color, with a succession of bloom that lasts until frost. Illustrated is a bed of Evening Glow at our Cantigny Trials that caused much comment. 15-18 in.
1/32 oz., **$1.00;** 1/16 oz., **$1.75;** ⅛ oz., **$3.20;** ¼ oz., **$5.75;** ½ oz., **$10.45;** oz., **$19.00.**

Dwarf

Fireball. June 20-25. An extra early, Salvia coming into flower a week to ten days before St. John's Fire. Of dwarf, compact habit, exceptionally fine for pots and early blooming for flats. 10 in. 1/16 oz., **$1.25;** ⅛ oz., **$2.25;** ¼ oz., **$4.00;** ½ oz., **$7.20;** oz., **$12.00;** 4 oz., **$36.00.**

★St. John's Fire. June 25-30. The most popular early dwarf red. Our own reselected strain coming into flower early, while plants are but a few inches tall, remaining in flower until frost. The bright scarlet spikes stand densely and rigidly upright above the foliage on uniformly compact plant. 13 in. 1/16 oz., **90c;** ⅛ oz., **$1.60;** ¼ oz., **$2.75;** ½ oz., **$5.00;** oz., **$8.50;** 4 oz., **$25.00;** lb., **$100.00.**

White Fire. June 25. Creamy-white, with the same plant habit and flowering date as St. John's Fire.
1/32 oz., **90c;** 1/16 oz., **$1.75;** ⅛ oz., **$3.00;** ¼ oz., **$5.00;** ½ oz., **$9.00;** oz., **$15.00.**

Salmon Pygmy. A rich salmon-pink bloom, dwarf compact plants and early free-flowering habit make it ideal for pot work. In bloom early thus enabling the flat grower to offer it in color for Spring sales. 10 in.
1/32 oz., **90c;** 1/16 oz., **$1.75;** ⅛ oz., **$3.00;** ¼ oz., **$5.00;** ½ oz., **$9.00;** oz., **$15.00.**

Blaze of Fire. June 30-July 5. Early and free flowering, coming into bloom shortly after St. John's Fire. 14 to 16 in. 1/16 oz., **85c;** ⅛ oz., **$1.50;** ¼ oz., **$2.75;** ½ oz., **$5.00;** oz., **$8.00;** 4 oz., **$22.00;** lb., **$88.00.**

Medium

Hot Jazz. July 5-10. Long tightly packed spikes of deepest scarlet flowers in striking contrast to the deep green foliage. Follows Blaze of Fire into flower. Considered one of the best all-around Salvias. 14 in.
1/16 oz., **75c;** ⅛ oz., **$1.35;** ¼ oz., **$2.00;** ½ oz., **$3.60;** oz., **$6.00;** 4 oz., **$18.00;** lb., **$72.00.**

Harbinger (Masterpiece) July 10-15. One of the earliest of this group. Scarlet, 16 in.
1/16 oz., **75c;** ⅛ oz., **$1.35;** ¼ oz., **$2.00;** ½ oz., **$3.60;** oz., **$6.00;** 4 oz., **$18.00;** lb., **$72.00.**

★America. (Globe of Fire). July 25-30. The favorite of many. Uniform dense globe-shaped bushes. 18 in.
1/16 oz., **50c;** ⅛ oz., **90c;** ¼ oz., **$1.50;** ½ oz., **$2.70;** oz., **$5.00;** 4 oz., **$15.00;** lb., **$60.00.**

Tall

Bonfire (Clara Bedman). July 25-30. Erect habit, the old standby. Dark green foliage. 25 in.
1/16 oz., **50c;** ⅛ oz., **90c;** ¼ oz., **$1.50;** ½ oz., **$2.70;** oz., **$5.00;** 4 oz., **$15.00;** lb., **$60.00.**

Splendens Type (Scarlet Sage). August 10-15. Tall growing, scarlet. 24 to 30 in.
1/16 oz., **45c;** ⅛ oz., **80c;** ¼ oz., **$1.25;** ½ oz., **$2.25;** oz., **$4.00;** 4 oz., **$12.00;** lb., **$48.00.**

Salvia

PERENNIAL 3,800 seeds oz. 68-86° 2-3 weeks.

Patens. Very large flowers, splendid blue, free bloomer. 2½ ft. 1/16 oz., **70c;** ⅛ oz., **$1.25;** ¼ oz., **$2.00;** ½ oz., **$3.60;** oz., **$6.00;** 4 oz., **$20.00.**

SALVIA SPLENDENS ST. JOHN'S FIRE

Instant Glamour

SNAPDRAGON F-1 SUNRISE

F-1 ROCKET SNAPDRAGONS

The first F-1 Hybrid Snapdragon bred for garden use. Long spikes evenly spaced florets on vigorous, uniform plants. Seven rich, distinct colors and a formula mixture. All America Selections Bronze Medal 1960.

Sow seed in January, grow on in 3 inch peat pots and pinch. Set out about April 1st for June cut-flowers. Rose, Pink, White and Yellow (gold) are in much demand.

Bronze · Red · Gold · Rose

Orchid · White · Pink

Formula Mixed. Carefully selected and blended to insure a full range of colors.

Each of the above 8: Trade Pkt. (500 seeds), **$1.75;** 1/128 oz., **$3.00;** 1/64 oz., **$5.50;** 1/32 oz., **$10.00;** 1/16 oz., **$19.25;** 1/8 oz., **$36.50;** 1/4 oz., **$69.50;** 1/2 oz., **$132.00;** oz., **$252.00.**

SNAPDRAGON F-1 SUNRISE

This newest F-1 Garden Strain is extra early, coming in 2 to 3 weeks before the Rockets. Long flower spike, strong stem, clean green foliage. Colors that are rich, bright and attractive. For bedding, cutting and border work, there is no finer strain than "Sunrise."

White, a creamy white — **Yellow**
Crimson — **Deep Rose**
Golden Orange — **Rose Pink**

Formula Mixed. Our own blend in just the right color proportions.

Each of the above 7: Trade pkt. (500 seeds), **$1.75;** 1/128 oz., **$3.00;** 1/64 oz., **$5.50;** 1/32 oz., **$10.00;** 1/16 oz., **$19.25;** 1/8 oz., **$36.50;** 1/4 oz., **$69.50;** 1/2 oz., **$132.00;** oz., **$252.00.**

Floral Carpet Mixed (F-1). The dwarf ball-shaped plants average 8 inches in height and are literally covered with masses of bloom. Plant habit and freedom of bloom are qualities that make it ideal for bedding and low borders. The attractive color range includes red, pink, rose, bronze, orchid, yellow and white. The word "everblooming" truly describes this new Snapdragon. Earliness enables the flat grower to offer plants in bloom for spring sales. Illustrated on page 47.
Trade pkt. (500 seeds), **$1.65;** 1/128 oz., **$2.75;** 1/64 oz., **$5.25;** 1/32 oz., **$9.50;** 1/16 oz., **$18.45;** 1/8 oz., **$35.50;** 1/4 oz., **$68.00;** 1/2 oz., **$129.00;** oz., **$245.00.**

F-1 Rose Pink Double

Vanguard (F-1 Double). All America Bronze Medal 1960. Extra petals enhance the large florets. Long flower spike with closely set florets of rich rose pink with flashing yellow lips or throat. Long lasting, for bedding and cutting.
Trade pkt., (750 seeds) **$1.75;** 1/128 oz., **$3.50;** 1/64 oz., **$6.50;** 1/32 oz., **$12.00;** 1/16 oz., **$20.00.**

United Sprites Mixed (F-1) Dwarf). Very early to bloom, ideal for mass beds since they require no staking. Hybrid vigor insures branches of excellent size and flower production. In bloom over a long season. The bright colors include cherry-rose, deep crimson-red, clear rose pink, pure white and clear canary-yellow. 15-18 in.
Trade pkt. (500 seeds), **$1.75;** 1/128 oz., **$2.75;** 1/64 oz., **$5.00;** 1/32 oz., **$9.25;** 1/16 oz., **$16.75;** 1/8 oz., **$32.00;** 1/4 oz., **$60.75;** 1/2 oz., **$110.25;** oz., **$210.00.**

Snapdragon Master Blend (F-2). Large individual florets on long spikes. Strong robust plants. Color range is most complete, includes white, yellow, rose shades through deepest velvety red. Early to bloom, very free flowering. An excellent Snapdragon for cutting or use in the garden border.
1/32 oz., **60c;** 1/16 oz., **$1.05;** 1/8 oz., **$1.75;** 1/4 oz., **$3.00;** 1/2 oz., **$5.40;** oz., **$9.00;** 4 oz., **$27.00.**

Mardi Gras (F-2). Graceful spikes closely set with individual florets of good size. Sturdy stems, bright clean colors. An extra select mixture in a broad range of color. Very free flowering. Excellent for cutting and use in the garden border.
1/32 oz., **60c;** 1/16 oz., **$1.05;** 1/8 oz., **$1.75;** 1/4 oz., **$3.00;** 1/2 oz., **$5.40;** oz., **$9.00;** 4 oz., **$27.00.**

LARGE FLOWERING HALF-DWARF

Plants of medium height for bedding, flat sales and combination work. Very free flowering, coming into bloom early and continuing through until killed by frost.

Vaughan's Special Mixture. Our own formula blend of all interesting colors in the half dwarf group.
1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.25;** 1/2 oz., **$2.25;** oz., **$4.00.**

SNAPDRAGONS For Outdoor Bedding

ANNUAL 220,000 seeds oz. 54° 1-2 weeks.

There is no Annual better suited to Spring Plant Sales than the Snapdragon. It is available in all heights; bright gay colors providing a wealth of cutting material throughout the Summer and well into Fall.

TALL RUST RESISTANT STRAINS 2½ ft.

Appleblossom. Rosy pink, white tube
Brilliant Rose. True rose pink.
Campfire. Luminous scarlet.
Cherry Rose. Deep brilliant cherry rose.
Copper Queen. Burnished copper.
Loveliness. Pure soft rose pink.
Padre. (Crimson). Glossy crimson, dark stems.
Pink Sensation. Pure pink, frilled flowers.
Rosalie. Rich deep rose with underlying tone of topaz or amber.
Shasta. (Alaska). Pure white.
Yellow Jacket. (Canary Yellow—Yellow Giant). Deep canary yellow.
Vaughan's Tall Rust Resistant Mixture. Our own formula-blend in just the right color proportions.
Each of the above 12: 1/16 oz., **40c;** ⅛ oz., **70c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

GIANT RUFFLED TETRA

Large closely set florets on massive spike. Rich green thick textured foliage. An excellent cutting strain.

Candlelight. (Yellow). Clear bright yellow.
Crimson. Deep but bright velvety crimson flower on long, broad tapering spike.
Orchid. Rich orchid-purple with sulphur-yellow blotch on lower lip.
Shades of Pink and Rose. Ranging from light to the deeper tones of rose.
White. Creamy white changing to pure white as flower ages. The primrose throat provides a striking contrast.
Each of the above 5: 1/32 oz., **50c;** 1/16 oz., **90c;** ⅛ oz., **$1.50;** ¼ oz., **$2.75;** ½ oz., **$5.00;** oz., **$8.25.**
Vaughan's Tetra Supreme Mixed. A full range of color. 1/32 oz., **45c;** 1/16 oz., **80c;** ⅛ oz., **$1.25;** ¼ oz., **$2.00;** ½ oz., **$3.60;** oz., **$6.75.**

SNAPDRAGON FLORAL CARPET MIXED (F-1)

DWARF SORTS

Magic Carpet Mixed. 4 to 6 in. A Snapdragon of almost creeping habit, fairly covered during the summer with flowers. Its uniformly dwarf compact habit make it an excellent source of color for bedding and border plantings. Useful, too, in the rock garden. 1/16 oz., **45c;** ¼ oz., **$2.15;** oz., **$4.00;** 4 oz., **$12.00.**

Vaughan's "SNAP" PLANNING SERVICE

Year 'Round Snap Programming presents problems of a technical nature, such as spacing, scheduling of sowings, transplanting, which varieties are best suited to a particular location and how should colors be selected.

Mr. Allen Botacchi has recently taken on the added duty of Vaughan's Snap Planning Service and can supply needed information and assist with other problems in connection with Snap Programming.

Mr. Botacchi is well qualified for this position. He holds a Bachelor Degree in Floriculture from the University of Massachusetts, and a Masters Degree in Horticulture from Penn State. For the past five years he has been in charge of our Research and Experimental Division at Cantigny Farm, Wheaton, Illinois.

Address your inquiry directly to him at O S 742 Forest Street, Winfield, Illinois, or make known your needs through your Vaughan salesman. Supply the following pertinent facts to assist in making up the schedule.

1. Geographical location of greenhouse.....
2. Size of benches.....length and width inside.....No.....
3. Date each bench is available.....and for how long.....
4. Raised or ground benches.....
5. Temperature you wish to use.....
6. Do you wish to use the standard color program, or is there a definite color preference in your area.....
7. Will Snaps be grown single stem or pinched crop?..... This information is essential for accurate timing.

Forcing Snapdragons

(2,000 seeds per trade packet; 1,000 seeds per ½ trade pkt. Except as noted.)
"Inbred" or self-pollinated sorts are marked; all others are true F-1 hybrids.

YELLOW

Broker's Tip. (Late Winter and Spring). Deep yellow, medium sized florets, little or no side growth. Good stems.

Colorado. (Late Spring and Fall). A large flowered yellow hybrid; very uniform and vigorous. The color of Broker's Tip and a shade lighter than Potomac Yellow. Shatterproof florets, long spike. Combines well with Virginia (white).

Dark Star. (Summer). Clear deep yellow. Uniform, vigorous, clean growth, compact floret spacing. Shows resistance to high temperature burn.

Golden Spike. (Late Winter and Spring). Rich golden yellow. Long stems, tapered flower spike.

Montezuma. (Winter, Early Spring). The deep yellow companion to Rainier.

Nevada. (Late Spring and Fall). An intense yellow hybrid with a huge floret on vigorous long spikes. Flowers with Kansas and Tennessee. Very valuable in May-June and October-November crops. Deeper in color than Colorado and about two weeks earlier to flower.

Patricia. (Winter, Early Spring). Medium sized florets of rich yellow with full deep yellow lower lip. Long spike.

Potomac Yellow. (Late Spring and Fall, Summer). A good medium yellow.

Rockwood Summer Yellow. (Summer). Inbred. A fairly deep yellow.

Sonora. (Winter, Early Spring). Primrose yellow. Stem strength, spikes and production are exceptional.

Summer Yellow. (Pan-American). (Summer). Tall vigorous growing, clear yellow. Very early. Shatterproof.

Swaps. (Winter and Early Spring). Large showy yellow florets, clean hard stems. Earlier than War Admiral and Seabiscuit. Outstanding for its large, compactly spaced showy yellow florets.

Vermont. (Winter and Early Spring). Primrose yellow, a new and beautiful pastel color tone. Spikes are long and graceful with abundant tip-bud. Stems are hard, clean and uniform.

War Admiral. (Winter and Early Spring). Medium Yellow. Outstanding vigor, uniformity and spike formation.

Wyoming. (Winter, Early Spring). A new hybrid yellow that flowers with Citation. Large florets, well spaced on long graceful spike.

★**Yellow Flare.** (Late Winter and Spring). Medium yellow of good growth, long heavy stem, good sized flower head.

ALL FORCING SNAPDRAGONS
(except as noted)
Trade pkt., (2000 seeds) **$4.00;**
½ Trade pkt., (1000 seeds) **$2.25.**

WHITE FLARE

CHRISTINA

BRONZE

Barbara. (Winter, Early Spring). Large florets with bright bronze lip and pink throat. Vigorous grower, long spike.

★**Bronze Flare.** (Late Winter and Spring). Medium bronze with yellow lip. Stems of good weight. Compact floret placement, flower spike of good size.

Cavalcade. (Winter, Early Spring). Lively golden bronze that has few equals for uniform production of long tapered spikes.

Gallant Fox. (Winter, Early Spring). Deep orange bronze, strong vigorous grower; compact floret placement.

Kansas. (Late Spring and Fall). Brilliant golden bronze resembling Cavalcade. A vigorous variety with strong stem and long spikes. Large florets. Color has real merit, especially in the Fall months.

★**Vaughan's Introduction**

PAPER WHITE and IVORY WHITE

Albion. (Winter, Early Spring). Pure paper white, clean growth, uniform long spikes. When benched with White Knight, maintains a good continuity of paper white by flowering 10 to 14 days later.

Apollo. (Late Winter, Spring). An ivory white, well-known for its vigor. Hard clean stems and upright floret placement on long spikes. More vigorous than Margaret.

Citation. (Winter, Early Spring). Large ruffled ivory white. Compact spacing, long spike.

★**Crystal White, Vaughan Strain.** (Summer). Inbred. Pure paper white, uniform habit, compact floret spacing, will not shatter.

Delaware. (Late Spring and Fall). An ivory white that retains the valuable traits of Citation with larger floret, heavier stems and very long spike. Highly shatterproof.

June Bride. (Summer). Pure white. Hard clean stems.

Margaret. (Late Winter, Spring). Inbred. Ivory white. Exceptionally stiff stem, almost no side growth. Medium sized floret, long lasting. Trade pkt. (4000 seeds) **$4.00;** ½ trade pkt. (2000 seeds), **$2.25.**

Ohio. (Winter, Early Spring). Pure paper white. Florets are compactly spaced and shatterproof. Vigor and spike length frequently exceed the standards set by Albion and White Knight.

★**Paperwhite.** (Winter, Early Spring). A paper white of exceptional size and vigor. Large compactly spaced florets on strong stem.

Potomac White. (Late Spring and Fall, Summer). A good white.

Rainier. (Winter, Early Spring). A fine paper white. Clean hard stem, full spike.

★**Snow Crest.** (Winter, Early Spring). A pure white hybrid combining earliness with hybrid vigor, hardiness and length of spike. Compactly spaced florets, strong stem, 10 days later than Paperwhite.

Snowman. (Late Winter and Spring). Pure white.

Spartan White. (Late Winter and Spring). Pure white, shatter resistant.

Texas. (Summer). At its best from June through September. Large ruffled paper white florets, strong clean stems, long flower spike.

Twenty Grand. (Late Winter and Spring). The whitest ivory grown. Long, graceful, tapering spikes with ruffled upright, compact florets. Tall and vigorous.

Utah. (Late Spring and Fall). Pure white flowering just after Virginia. Long spike, large closely spaced florets. Bred for the grower whose benches have limited head room. Over-all height 36 to 42 inches. Shatter resistant.

Virginia. (Late Spring and Fall). A vigorous paper white. Long spikes, hard, clean stem with good large florets that are shatterproof. A significant improvement in vigor, production and beauty over existing strains.

★**White Flare.** (Late Winter and Spring). Large florets of purest white, closely spaced on long tapered spikes.

White Knight. (Winter and Early Spring). Pure paper white, well placed florets on compact spike. Combines earliness, vigor, purity of color and long spikes to excellent advantage. Tolerant of low temperatures and shatterproof.

White Skies. (Summer). Pure white. Tall and vigorous. Shatterproof.

Forcing Snapdragons—Continued

RED

Cherokee. (Winter and Early Spring). True "Christmas" scarlet-red. Long, well formed spikes, sturdy stems.

Man-O-War. (Winter and Early Spring). Copper-red shade with yellow lip. Clean grower, good flower placement.

Navajo. (Late Winter and Spring). A bright true red.

Priscilla Ann. (Late Winter and Spring). Velvety crimson.

Tennessee. (Late Spring and Fall). A true deep red flowering when color is most in demand. Shatterproof. Good floret spacing on long uniform spikes.

LIGHT PINK

Chevy Chase Pink. (Winter and Early Spring). Pastel pink, a shade deeper than Maryland Pink Improved.

Christina. (Winter and Early Spring). Light rose pink, large florets. Vigorous grower, almost no side growth.

Florida. (Summer). Vigorous light pink flowering with Gay Time. A Christina color that is smooth and glistening. Displays superb color retention under high temperatures and is highly shatterproof. Spikes are long with compact floret spacing.

Indiana. (Late Winter and Spring). Light rose pink. Large floret with ruffled hood. Spikes are long and tapered. Uniformity and vigor set new standards in hybrid Snaps.

Kentucky. (Late Spring and Fall). A glorious apple-blossom pink. A vigorous, clean stemmed hybrid with a minimum of shatter. The color is lighter than Potomac Pink with a longer spike.

Maryland Pink Improved. (Late Winter and Spring). A creamy light pink.

Nashua. (Winter and Early Spring). Light rose pink, large ruffled florets compactly borne on hard clean stems. Shatter-proof.

Native Dancer. (Late Winter and Spring). Light rose pink. Extreme vigor, exceptionally long spikes. Compact placement of large florets.

New York. (Winter and Early Spring). A smooth light pink, displaying tremendous vigor and earliness. Flowers with War Admiral. Spike is large and compact. A very clear pink with a minimum of yellow in lower lip.

Rebecca. (Winter, Early Spring). Soft rose pink. Almost no side growth, large florets closely set on stiff heavy stem.

Rosebud. (Winter and Early Spring). Large ruffled florets of soft pastel pink on long, compact spikes.

Summer Pink. (Pan-American). (Summer). Light rose pink with large florets and longer spike than most Summer varieties. Shatter resistant.

Top Flight. (Winter and Early Spring). Light rose pink. Quite uniform. Earlier than Christina.

Washington. (Winter, Early Spring). A smooth pink that flowers with Citation and just ahead of Christina. Large well formed florets, superior placement on spike, vigorous, clean grower, hard stem. Outstanding.

ROSE

Bridesmaid. (Late Winter and Spring). Clear medium rose.

Gay Time. (Summer). Rose-pink of good vigor with hard stem and long spike. Very uniform. 7 to 14 days earlier than Summer Jewel.

Libby. (Late Winter and Spring). Dark rose pink with very strong stem and vigorous growth. Good sized florets on long spikes.

Maryland Flamingo. (Winter, Early Spring). Bright salmon-rose. A new color in Snapdragons. Shatterproof.

New Times. (Late Winter and Spring). Bright deep Beauty-rose, medium long spike, fine strong stem.

Potomac Rose. (Summer). A good rose pink, coming into flower with Potomac White and Pink.

Rockwood Pink Supreme. (Summer). Inbred. A brilliant rose-pink.

Rosanna. (Late Winter and Spring). Deep bright rose.

★**Rose Flare.** (Late Winter and Spring). A medium rose deeper in tone than Pink Flare Improved. Large closely set florets, long tapered spike.

Spartan Rose. (Late Winter and Spring). Medium deep rose.

Summer Jewel. (Summer). Rich deep pink. Vigorous, uniform grower, stems of great strength and long spike. Compact floret spacing. Will not shatter.

Wisconsin. (Winter and Early Spring). Intense dark pink with a depth and color tone resembling the rose Better Times. Flowers with Citation. Spikes are long and tapering.

MEDIUM PINK

Anne Marie. (Winter and Early Spring). Clear medium pink, medium sized florets closely set on stiff heavy stem. Slightly deeper in color than Christina.

Debutante. (Winter, Early Spring). The popular medium pink that is truly the "commercial" pink. Full spikes of medium length, hard clean stems.

★**Pink Flare Improved.** (Late Winter and Spring). Clear medium pink. Large florets closely set on long tapered spikes.

Pink Ice. (Late Winter and Spring). Medium rose with lighter lip.

Potomac Pink. (Summer). A good medium pink.

Rockwood Summer Pink No. 1. (Summer). Inbred. Medium pink.

Whirlaway. (Winter and Early Spring). Large florets, close spacing, long spike. A bit deeper than Mary Ellen. Performs best at the lower temperature levels.

Wintergreen. (Winter and Early Spring). A light rose-pink for winter and early spring. Stiff wiry stems, no grassiness, and a compact long spike.

ALL FORCING SNAPDRAGONS
(except as noted)
Trade pkt., **$4.00;** ½ Trade pkt., **$2.25.**

★**Vaughan's Introduction**

PINK FLARE

YELLOW FLARE

LAVENDER and PURPLE

Arizona. (Summer). Resembles Lavender Lady in color (deep rosy lavender). Vigor is high. Spikes are long and gracefully tapered. Large florets, long spikes and habit contribute to a significant improvement over existing varieties.

Lavender Lady. (Late Winter and Spring). Deep rosy lavender, excellent spike and stem.

Maine. (Winter and Early Spring). A rich purple, flowering with Citation. A vigorous grower with good spike and form. Large florets are beautifully spaced on strong spikes.

Windmiller's Lilac. (Late Winter and Spring). Inbred. A true orchid. Trade pkt., (4000 seeds) **$4.00;** ½ trade pkt., (2000 seeds) **$2.25.**

Greenhouse Varieties, Vaughan's Special Mixture. With pinks predominating. Our own **Formula-blend** that includes the more popular open pollinated and F-1 Hybrid varieties.

Solanum

ANNUAL 11,000 seeds oz. 68-86° 2-3 weeks.

There is a steadily increasing demand for "Ornamentals," particularly those with bright colored fruits or foliage. Among these are Christmas Cherry and Christmas Pepper. Both make attractive pot plants and are much in demand at Christmas.

ORNAMENTAL PEPPER

Nicely fruited plants will be available for Christmas from a mid-April sowing. Recommend keeping pots over summer in greenhouse or frame.

★**Vaughan's Candle Pepper. (Christmas Pepper).** The peppers are one inch long and decidedly pointed, creamy-yellow changing to red. Finely tapered peppers grow upright, giving a daintier appearance than Celestial. Pinch once for larger heavier plants. 1/16 oz., **50c;** 1/8 oz., **90c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$4.75.**

ORNAMENTAL CHERRY

Sow seed in February, grow on outdoors during the Summer and pot up in September for Christmas sales.

★**Christmas Cherry Improved.** 1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.25;** 1/2 oz., **$2.25;** oz., **$4.00.**

Felger's Orange. The berries are larger than that of Cleveland Cherry and are well up on top of the foliage. In 6 inch pots the plant will have a spread of 18 to 20 inches. 1/32 oz., **55c;** 1/16 oz., **$1.00;** 1/8 oz., **$1.75;** 1/4 oz., **$3.00;** 1/2 oz., **$5.60;** oz., **$9.00.**

Statice Sinuata

ANNUAL 375 flower heads oz. 68-86° 2-3 weeks.

Attractive annuals of easy culture that can be used as fresh or everlasting flowers.

Kampf Improved. Tall, brilliant deep blue

★**Market Rose.** A deep warm rose.

★**Market Growers.** Deep Blue

Pure White.

Art Shades Mixed.

Each of the above: 1/2 oz., **35c;** oz., **60c;** 4 oz., **$2.00;** lb., **$6.00.**

Bonduelli. Golden yellow. 1/2 oz., **35c;** oz., **50c;** 4 oz., **$1.60;** lb., **$4.80.**

★**Suworowii.** Russian or Rat Tail. Flowers bright rose. Can be grown in cool house. 30 in. 1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00.**

Statice

PERENNIAL Seeds, see below. 68-86° 2-4 weeks.

Dumosa. (19,000 seeds per oz.) Dense cushions or pure silver-gray flowers, 30 in. 1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00.**

Latifolia. (40,000 seeds per oz.) Small lavender-blue flowers. 1/8 oz., **45c;** 1/4 oz., **80c;** 1/2 oz., **$1.45;** oz., **$2.40.**

STOCKS TRYSOMIC 7 WEEKS MIXED (background)
VIOLA F-2 TOYLAND (foreground)

Trysomic 7 Weeks

A bedding variety that blooms outdoors during hottest weather. Our own trial ground plantings were in full bloom during hot dry days of July and August.

Plants throw a central spike and then produce side branches for later flowering providing colorful display over a long period.

Because of its earliness, can be had in bloom in flats or peat pots for spring bedding plant sales.

Bright Rose
Lilac Lavender
White
Fiery Red
Navy Blue
Canary Yellow

Formula Mixed. Includes all the above.

Each of the above 7: 1/32 oz., **$1.00;** 1/16 oz., **$1.75;** 1/8 oz., **$2.75;** 1/4 oz., **$5.00;** 1/2 oz., **$9.00;** oz., **$18.00.**

Trysomic Giant Imperial

A strain of branching Stocks which through the use of scientific principles will produce 80-85% double flowering plants.

Choice Mixed. A well-balanced formula blend. 1/32 oz., **$1.00;** 1/16 oz., **$1.75;** 1/8 oz., **$2.75;** 1/4 oz., **$5.00;** 1/2 oz., **$9.00;** oz., **$18.00.**

The Best in Double Stocks

ANNUAL 18,500 seeds oz. 54-90° 2 weeks.

Stocks are easily grown and a profitable cutflower item. Plant only in sterilized soil and benches as protection against root rot; grow cool—50 degree nights and space 3 x 6 for best quality.

In our area sow from mid-July to mid-February. Later sowings tend to show blindness.

To secure greatest percentage of doubleness, largest and most vigorous seedlings should be selected.

Varieties preceded by star (★) are the most popular.

"Non-Branching Column Stocks"

★**Avalanche.** Finest paper white for outdoors; excellent for greenhouse.

★**Deep Apricot.** Coppery terra-cotta.

Gardenia Improved. Early pure white. Needs disbudding. Fine for outdoors.

★**Pacific Pink.** Pure white on cream base.

★**Purple Heart.** Bright violet-purple.

Rose Pink No. 14. Rose Pink, slightly darker than Supreme No. 22.

Ruby. Rich crimson-red.

★**Silvery Lilac.** An early lilac lavender.

★**Supreme No. 22.** Heavy spikes of rich silvery rose. Long stemmed vigorous grower.

★**White Improved No. 16.** The most popular early pure white. Large floret, compact spike.

Special Florist Mixture. Our own blend of the most popular colors.

Each of the above: 1/16 oz., **$1.00;** 1/8 oz., **$1.80;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$7.50.**

Improved Giant Bismarck
(Early Giant Imperial)

An early flowering, branching strain producing a high percentage of doubles. For greenhouse or outside planting. 2 1/2 ft.

Appleblossom. (Blush-pink).
Buttercup. Deep golden yellow.
★**Chamois.**
★**Elk's Pride.** (Royal purple).
Fiery Blood-Red.
★**Lavender.**
★**Rose**
★**Shasta.** Vigorous, glistening white.
Mixed. All colors.

Each of the above 9: 1/8 oz., **30c;** 1/4 oz., **55c;** oz., **$1.60;** 4 oz., **$5.00;** lb., **$15.00.**

Dwarf Large-Flowering Ten Weeks

Compact pyramidal growth, for pots, or combinations.

Extra Choice Mixed. Blood-red, bright pink, canary yellow, dark blue, deep rose, lavender and white in the right proportion. 1/8 oz., **40c;** 1/4 oz., **65c;** 1/2 oz., **$1.15;** oz., **$2.20;** 4 oz., **$6.60;** lb., **$20.00.**

Sweet Peas

ANNUAL 350 seeds oz. 68° 2 weeks.

Zvolanek's Multiflora Sweet Peas

A free-flowering strain of Sweet Peas. Many 5's and 6's on exceptionally long stems. A profitable market variety. Peculiar to this group is all florets on a stem are in bloom at one time. Mid-July through November sowings provide bloom from November to May. 15 weeks to bloom.

Beauty Rose. Deep crimson-rose.
Christmas Red. Crimson.
Elk's Purple. Deep purple.
Orchid. Deep orchid-lavender.
Rose Pink. Giant flowers.
Salmon Pink. Rose pink, salmon tint.
White. White seeded.

Each of the above 7: ½ oz., **40c;** oz., **65c;** 4 oz., **$1.85;** lb., **$5.50.**

Mixed. A well-balanced blend.
½ oz., **40c;** oz., **65c;** 4 oz., **$1.85;** lb., **$5.50;** 10 lb., **$52.50.**

Cuthbertson Floribunda Sweet Peas

Spring Flowering. Preferred by most growers for spring greenhouse flowering, coming into bloom midway between the Winter and Summer Flowering groups. Do not sow before October for this purpose. Coming into flower a week or more before the Summer Peas, they are now widely grown outdoors.

Astrid. Light lavender.
Daisy. Black seeded, white.
Danny. Navy blue.
David. Bright rose crimson.
Eileen. Coral pink.
Evelyn. Salmon cream-pink.
Frank G. Rosy-lavender.
Jennie. White seeded white.
Kenneth. Ox-blood crimson.
Lois. Rose-pink white ground.
Robert. Mid-blue.
Ruth. Deep rose pink.
William. Picotee rose pink, white ground.

Each of the above 13: oz., **50c;** 4 oz., **$1.50;** lb., **$4.50.**

Vaughan's Formula Mixture. Our own formula-blend which includes all the above.
Oz., **50c;** 4 oz., **$1.50;** lb., **$4.50;** 10 lb., **$43.00.**

Summer Flowering Sweet Peas

Sow in pots or plant bands in late Winter and grow on cool after germination. Small plants ready to set out in early Spring as soon as soil can be worked. The most widely used for outdoor growing.

Vaughan's Special Mixture. A formula blend of good color range.
Oz., **40c;** 4 oz., **$1.25;** lb., **$4.00;** 10 lb., **$38.00.**

Dwarf Sweet Peas

Little Sweetheart Mixture. 8 in. Of upright growth forming a perfectly rounded bush. Compact little plants covered with large Spencer type flowers. Blooms early and over a long season. Upright growth, requires no staking. An interesting novelty variety for bedding, border and pot plant culture. ½ oz., **$1.50;** Oz., **$2.20;** 4 oz., **$7.00;** Lb., **$21.00.**

Standard Winter (Early) Spencers

Although the Spring Flowering group is preferred for late greenhouse planting, this Winter class does flower earlier and by many is preferred for outdoor planting. Sow from July to September for winter and early spring blooms.

American Beauty. Crimson-rose.
Amethyst. Royal purple.
Blue Supreme. Rich mid-blue.
Cascade. White seeded, white.
Harmony. Lavender. Fragrant.
Hope. Black seeded, white.
Laddie Improved. Light rose-pink.
Mrs. Herbert Hoover. Clear blue.
Oriental. Black seeded cream.
Princess Blue. Light blue.
Red Giant. Bright crimson-red.
Sequoia. Golden salmon-rose.
Shirley Temple. Soft rose-pink.
Triumph. Deep lilac-mauve.

Each of the above 14: ½ oz., **40c;** oz., **65c;** 4 oz., **$1.85;** lb., **$5.50.**

Vaughan's Special Formula Mixture. From named sorts.
½ oz., **40c;** oz., **65c;** 4 oz., **$1.85;** lb., **$5.50;** 10 lb., **$52.50.**

Stokesia

PERENNIAL 3,300 seeds oz. 68-86° 4-6 weeks.

Cyanea (Stokes Aster). Large blue flowers, dwarf habit, beautiful late bloomer.
⅛ oz., **90c;** ¼ oz., **$1.75;** ½ oz., **$3.15;** Oz., **$5.00.**

★Strawberry

ANNUAL 2,800 seeds 1/32 oz. 55-65° 2-3 weeks.

★Baron Solemacher. Red. Of the Alpine (non-runner) type. Can be had in fruit (and flower) on Mother's Day, if sown in January. Suggest 3 plants in a 5 inch Azalea pot. Will produce berries all Summer and Fall.
1/64 oz., **60c;** 1/32 oz., **$1.00;** 1/16 oz., **$1.80.**

★Streptocarpus (Cape Primrose)

ANNUAL 750,000 seeds oz. 68° 2-3 weeks. Needs light.

Wiesmoor Hybrids. The large orchid-like flowers are well fringed and crested. The leaves are small, making it more adaptable to potting. The color range is most complete, pink, in all its shades and variations, deepest red, blue shades and white with dark blotches.

The plants flower abundantly and early. By successive sowings from October to March, blooming plants will be available all year round for sale or cutting.

Seeds are small and require little covering. Should be grown rather cooler than Gloxinias.

Trade pkt., **$1.25;** 3 Trade pkts., **$3.25;** 5 Trade pkts. **$5.25.**

Surprise Garden

Our own "formula blend" of interesting annuals that will provide color in the home garden and be a source of cutflower material throughout a long season of bloom. No vines or trailing varieties are included in this blend. 4 oz., **$1.35;** lb., **$4.00.**

TAHOKA DAISY

Tahoka Daisy

ANNUAL 29,000 seeds oz. 68-86° 2 weeks.

An unusually beautiful lavender-blue Daisy with fern-like foliage. Carried on good long stems, the flowers are many-rayed, with long slender petals of pure lavender-blue, center deep yellow. 20 in. 1/16 oz., **70c;** ⅛ oz., **$1.25;** ¼ oz., **$2.00;** ½ oz., **$3.60;** Oz., **$6.00.**

Thermopsis

PERENNIAL 6,500 seeds oz. 68-86° 2-3 weeks.

Caroliniana. Yellow pea-shaped flowers in long racemes. 3-5 ft. ⅛ oz., **45c;** ¼ oz., **75c;** ½ oz., **$1.35;** Oz., **$2.40;** 4 oz., **$8.75.**

Thunbergia

ANNUAL 1,100 seeds oz. 68-86° 2-3 weeks.

Mixed. Fine climber or trailer for window boxes and hanging baskets. Flowers in shades of yellow, white, buff and orange, black centered. ⅛ oz., **85c;** ¼ oz., **$1.45;** ½ oz., **$2.60;** oz., **$4.25;** 4 oz., **$12.50.**

Tithonia

ANNUAL 2,800 seeds oz. 68-86° 2-3 weeks.

Torch. Brilliant orange-scarlet flower, borne on stout stems, excellent for cutting. Early free flowering. 4 ft. All America Silver Medal Winner for 1951. 1/16 oz., **50c;** ⅛ oz., **90c;** ¼ oz., **$1.50;** ½ oz., **$2.70;** oz., **$4.50.**

Torenia and Tritoma

See Page 53.

Verbenas . . . For Combinations . . . For Bedding

VERBENA DWARF MASTER BLEND

ANNUAL 10,000 seeds oz.
68-86° 3-4 weeks.

Verbenas are among the most popular of the native American flowers. Color range and plant habit make them adaptable for all uses and locations.

The dwarf forms should be spaced about 6 inches while the spreading types require from 12 to 16 inches. Germination is slow and uneven—50 to 55% being considered an excellent stand. To hasten germination grow in soil at 65 degrees. When established a night temperature of 50 degrees is best. Pinch early to avoid straggly growth.

Good 3 to 4 inch pot plants are available for Spring sales from a February sowing. Mid-March sowing is recommended for Pak sales.

By nature the Verbena has divided itself into two classes—the spreading type which provides a carpet-like growth covering a wide area and the upright type which is bushy and branching but upright in growth rather than spreading. We have divided our listing showing the two distinct types.

VERBENA DWARF SPARKLE

VERBENA DWARF DELIGHT

Dwarf Master Verbenas

The finest Verbena for spring bedding plants and combinations. Very compact and dwarf, coming into flower when plants are small and blooming through the entire season. Excellent bright colors, many with eyes. Because of their early blooming quality can be had in flower for Spring sales, in flats or Val-Pacs.®

Dwarf Master Blend.® Hundreds of gay color combinations, many with eyes. Ideally suited to pot and flat culture, wonderful as a garden variety. A brilliant range of color.
1/16 oz., **75c;** 1/8 oz., **$1.25;** 1/4 oz., **$2.00;** 1/2 oz., **$3.50;** oz., **$6.00;** 4 oz., **$18.00;** lb., **$54.00.**

Upright—8 to 14 inches

Masses of bloom covering the center of the plants, eliminating the troublesome hollow spot so often found in the older strains. Plants are of uniform bushy habit about 8 to 10 in. high, and 12 to 15 in. across, with flower heads practically touching each other. Most suitable for borders.

Firelight. Large closely spaced blooms of brilliant fiery red.
Roselight. Rose-pink with white eye.
Salmon Queen. Bright salmon pink, small white eye.
Snow White. Large pure white.
Starlight. Mid-blue with creamy-white eye.
Mixed. A well-balanced mixture.
Each of the above 6: 1/8 oz., **60c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$10.75;** lb., **$40.00.**

Spreading—8 to 12 inches

Large blooms so tightly arranged the effect is a solid mass of color. The habit is dwarf and compact; extremely free flowering. Plant retains its fine compact habit throughout the long blooming season.
Crystal. Large flowered snow-white.
Dazzle. Brilliant scarlet.
Delight. Clear coral pink suffused salmon.
Sparkle. Bright scarlet-red with a gleaming white eye.
Splendor. Rich royal purple with white eye.
Each of the above 5: 1/16 oz., **50c;** 1/8 oz., **90c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$4.50;** 4 oz., **$16.00;** lb., **$58.00.**

Spreading—12 to 24 inches

Beauty of Oxford Hybrids. Bright shades, ranging from clear rose pink to rose red.
Lavender Glory. True lavender. Large flower umbels. Fragrant. About 80% true.
Marilyn. Fiery cerise with a suggestion of scarlet, the small cream eye accenting the warm brilliance of the color. Mammoth clusters of large flowers, uniformly compact plants, early and free flowering.
Mayflower. Shades of pink.
Spectrum Red. Intense pure bright red without eye.
Vivid. Brilliant sunproof scarlet, brighter and more intense than Spectrum Red. Large uniform trusses, large florets. Compact plant, 8 inches tall.
White (Alba). Very large, pure white.
Each of above 7: 1/8 oz., **60c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$10.75;** lb., **$40.00.**

★Vinca Rosea (Periwinkle)

ANNUAL 20,500 seeds oz. 68-86° 2-3 weeks.

One of the most satisfactory annuals for use in combinations or as an outdoor bedding plant. Blooms through the entire summer until frost and does well either in sun or partial shade. Slow to start, we suggest early sowing. Give bottom heat and grow warm. 18 in.

Pink. Medium pink.

Alba Pura. Pure White.

Alba Oculata. White with pink eye.

Delicata. Soft pink.

Mixed. The above in a well-balanced blend.

Each of the above 5: 1/8 oz., **40c;** 1/4 oz., **65c;** 1/2 oz., **$1.15;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

DWARF VINCAS. Plants are dwarf and compact, growing but half as tall as the older strains. Bloom over a long season, very free flowering and quite tolerant of hot dry summers. Ideal edging or bedding plant. For late May bloom, suggest February 1st sowing, give bottom heat and grow warm. Glossy dark green foliage. 8 to 10 in.

Little Pinkie. Rose colored blooms of good size cover the plant.
1/16 oz., **50c;** 1/8 oz., **90c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$4.50;** 4 oz., **$13.50.**

Bright Eye. Glistening white with a contrasting rose-red eye. 1/16 oz., **80c;** 1/8 oz., **$1.40;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$7.50.**

VINCA BRIGHT EYE LITTLE PINKIE

July 22 is "Green Letter" Day

That's right "Green" Letter day because it is a major horticultural event, Vaughan's Field Day—1964. Visiting Vaughan's field trials of new and old reliable flowers and vegetables will give you up to the minute knowledge of recent developments.

★Torenia

ANNUAL 375,000 seeds oz. 68-86° 2 weeks.

Fournieri. A fine pot plant for Mother's Day sales, good in combination baskets. An attractive bedding plant for shaded and partial shaded areas. Ours is a fine dwarf strain.
Blue. A dark blotch on the lip provides interesting contrast.
White. Ivory white tinted rose.
Each of the above 2: 1/32 oz., **45c;** 1/16 oz., **80c;** 1/8 oz., **$1.25;** 1/4 oz., **$2.25;** 1/2 oz., **$4.00;** oz., **$8.00.**

Tritoma

PERENNIAL 22,000 seeds oz. 68-86° 3-4 weeks.

Pfitzer's Hybrids. Long spikes in brilliant red, orange and yellow shades, growing 4 ft. tall with blooms all summer until frost. 1/8 oz., **45c;** 1/4 oz., **80c;** 1/2 oz., **$1.45;** oz., **$2.40.**

Trollius

PERENNIAL 8,000 seeds oz.

Slow to germinate. For best results store seed in damp sand at a temperature below 40 degrees fahrenheit for six weeks and then sow, or soak seed in hot water for 30 minutes before sowing. Plants require moist soil.
Mixed. 1/32 oz., **55c;** 1/16 oz., **95c;** 1/8 oz., **$1.65.**

Veronica

PERENNIAL 250,000 seeds oz. 54-90° 2 weeks.

Spicata. Blue 1 1/2 ft.
1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00.**

Yucca

PERENNIAL 180,000 seeds oz. 68°

A slow germinator. Germination is never high.
Hardy Varieties Mixed. 1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz.,**$1.25;** 1/2 oz., **$2.25;** oz., **$3.75.**

Viola Cornuta

PERENNIAL 25,000 seeds oz. 54-90° 2-3 weeks.

"Pansies in Miniature" best describe the Viola. Very free flowering. Preferred by many as a bedding plant. Perfectly hardy.

Admiration. Deep violet blue, large flowers.

Arkwright Ruby. Rich ruby-crimson shading terra-cotta.

Blue Perfection. Large flowers of clear medium blue.

Chantreyland. Pure apricot. Extra large flowers.

King Henry. Rich violet-blue with lavender center and yellow eye.

Lutea Splendens. Chrome yellow.

White Perfection. Large flowered creamy-white.

Vaughan's Special Mixture. Bright shades which include many self colors, combinations and some with blotches.

Each of the above 8: 1/16 oz., **65c;** 1/8 oz., **$1.10;** 1/4 oz., **$2.00;** 1/2 oz., **$3.60;** oz., **$6.00.**

Blue Butterfly. Deep blue with white wings.

Jersey Gem (Blue Gem). Rich violet blue.

Each of the above 2: 1/32 oz., **55c;** 1/16 oz., **$1.00;** 1/8 oz., **$1.65;** 1/4 oz., **$3.00;** 1/2 oz., **$5.40;** oz., **$9.00.**

Toyland (F-2). Huge full-round 2 inch blooms gracefully waved and borne profusely, with typical hybrid vigor, on sturdy compact plants. Pure colors and combinations of mahogany red, gold, apricot, blue, purple, violet black and white. Illustrated in color on page 50.
1/32 oz., **65c;** 1/16 oz., **$1.15;** 1/8 oz., **$1.95;** 1/4 oz., **$3.30;** 1/2 oz., **$6.00;** oz., **$10.00.**

Viola—Various Types

Blue Elf. The upper petal of deep violet blue provides an interesting contrast for the light violet blue of the lower petal and the gold eye. Small dark green foliage.
1/16 oz., **75c;** 1/8 oz., **$1.35;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$7.50.**

Johnny Jump Up. Pansy-like faces of purple, blue and yellow. A prolific bloomer.
1/32 oz., **45c;** 1/16 oz., **80c;** 1/8 oz., **$1.35;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$7.50.**

Odorata Semperflorens. Deep blue fragrant flowers. Often referred to as "Sweet Violet."
1/16 oz., **65c;** 1/8 oz., **$1.10;** 1/4 oz., **$2.00;** 1/2 oz., **$3.60;** oz., **$6.00.**

Perennial Wallflower

See Cheiranthus Page 10

Discounts on Flower and Vegetable Seeds Only

Cash or C.O.D. Under $10.00 net
$10.00 to 25.00, 5%; 25.00 to 100.00, 8%; 100.00 to 300.00, 10%; 300.00 to 500.00, 12%; 500.00 to 750.00, 14%; 750.00 and up, 20%.

Charge Orders. If paid within 30 days from date of invoice: Under $10.00, net; $10.00 to 25.00, 2%; 25.00 to 100.00, 5%; 100.00 to 300.00, 8%; 300.00 to 500.00, 10%; 500.00 to 750.00, 12%; 750.00 and up, 18%.

ZINNIA PINK BUTTONS

ZINNIA RED BUTTONS

Two New "Button" Zinnias For 1964

ANNUAL 2,500 to 4,000 seeds oz. 68-86° 1-2 weeks.

The Plant of the "Button" Zinnia is unique in that it is but 1 ft. tall, distinctly more compact. than any other type excepting Thumbelina) and is only half the height of the popular Lilliputs.

The Cupid-like full double blooms measure but 1½ inches across. The colors are bright and clear with a uniformity of coloring that is outstanding.

Pink Buttons. All America Bronze Medal 1964. A delightful shade of salmon pink. This attractive free-flowering "Button" caused much comment in our trials and showed resistance to adverse weather conditions wherever grown.

Red Buttons. The vivid scarlet-red counterpart of Pink Buttons. Only in color does it differ. Very free flowering, full double blooms with the same uniformity of coloring. A bright attractive color.

Each of the above 2: 1/16 oz., **70c;** 1/8 oz., **$1.25;** 1/4 oz., **$2.25;** 1/2 oz., **$4.25;** oz., **$8.00;** 4 oz., **$24.00.**

Zinnias . . . always popular for bedding and cutting

A border planting of MARIGOLD CLIMAX and ZINNIA OLD MEXICO

ZINNIA FIRECRACKER

ANNUAL 2,500 to 4,000 seeds oz. 68-86° 1-2 weeks.

An easily grown annual that responds quickly when soil and atmospheric conditions are right. Wide variation in flower size, type and height has increased the interest in the Zinnia. It is now much used for cutting, because of its long lasting qualities, and makes an excellent background subject and dwarf sorts are also used in the garden border.

More and more the home gardener is depending on the grower for his plants, preferring to buy them rather than make his own seed sowing. To insure a good supply of plants, we suggest seed be sown about 30 days before the start of your bedding plant selling season.

Zinnia seed may also be sown inside in February and March for inside cutting. Sown in April plants will bloom from May 20 to June 20 and from a May sowing cutting material will be ready from June 10 to 20.

Thumbelina. The ideal edging and border Zinnia. Extremely dwarf, compact plants that seem to thrive on close crowding. Plants spaced 2 or 3 inches apart in rows 6 inches apart soon appear as solid ribbons of color. Miniature double and semi-double blooms are freely produced. The colors bright and cheerful. Thumbelina is in bloom from earliest Summer to late Fall, does not lose its dwarf compact habit despite a constant increase in flowers. All America Gold Medal 1963. 1/32 oz., **85c;** 1/16 oz., **$1.50;** 1/8 oz., **$2.75;** 1/4 oz., **$5.00;** 1/2 oz., **$9.00;** oz., **$15.00;** 4 oz., **$45.00.**

Bonanza (F-1 Hybrid). Only in color does Bonanza differ from the new popular Firecracker. Rich golden yellow bloom, long cutting stems and long quilled petals add to flower interest. All America Silver Medal 1964.

Firecracker. (F-1 Hybrid). Flowers are full-double and a clear red with scarlet undertones. Vigorous 30 inch plants show great resistance to mildew. Long strong stems, informal quilled petals All America Silver Medal for 1963.

Each above 2: 1/16 oz., **$2.25;** 1/8 oz., **$4.00;** 1/4 oz., **$7.00;** 1/2 oz., **$12.50;** oz., **$21.00.**

Old Mexico. Large blooms, uniformly bushy plants, attractive bicolors or rich mahogany red base overlaid with varying shades of golden yellow. For garden border and cutting.
1/8 oz., **$1.50;** 1/4 oz., **$2.65;** 1/2 oz., **$4.80;** oz., **$8.00;** 4 oz., **$26.55.**

Red Man. All America Bronze Medal 1962. Brilliant scarlet flower, beautifully and delicately quilled. Lacy airy petallage eliminates "heaviness." Compact plant, flowers of giant size.
1/16 oz., **75c;** 1/8 oz., **$1.25;** 1/4 oz., **$2.25;** 1/2 oz., **$4.10;** oz., **$8.00;** 4 oz., **$29.00.**

State Fair Mixed. A tetraploid Zinnia in a complete range of Zinnia colors and shades, all in striking contrast to heavy dark green foliage. Large flowers, thick leaves and stocky growth, the small plants present a nice appearance for flat, pack and bedding plant sales.
1/8 oz., **50c;** 1/4 oz., **85c;** 1/2 oz., **$1.50;** oz., **$2.50;** 4 oz., **$7.50.**

ZINNIA THUMBELINA

Giant Zinnias

Giant Cactus Flowered

An extra large flowered Zinnia up to 6 inches in diameter. In form and color, there is much variation. Some petals are fluted, others flat and twisted, but all are beautiful and often spectacular.

Blaze. Flowers of brilliant mandarin-red softening to orange-scarlet.

Cherry Time. Closely related shades of cherry, cerise, spiraea red and magenta. The color is strong, the effect magnificent.

Floradale Scarlet. Intense scarlet-red.

Golden Heart. Dazzling scarlet-red petals unfold revealing a heart of rich golden yellow. Striking color contrast. The petals of this new Zinnia stand upright giving the flower a fresh "new look."

Ice Cream. A rich pure cream.

Riverside Beauty. Rich azalea-pink.

Snow Time. The nearest to white of any Cactus-flowered Zinnia. Flowers are large and borne on full-sized, vigorous plants.

Sunny Boy. Buttercup-yellow, very brilliant.

Giant Cactus Flowered Hybrids (Burpee Hybrids). A complete range of color which includes pastels found nowhere else.

Each of the above 9: ¼ oz., **40c;** ½ oz., **70c;** oz., **$1.25;** 4 oz., **$4.00;** lb., **$12.00.**

Rosie O'Grady. A distinctive bicolor. Deep rose center shading to soft rose. Attractively curled and twisted petals. Ideal for cutting or garden decoration.
1/16 oz., **50c;** ⅛ oz., **90c;** ¼ oz., **$1.50;** ½ oz., **$2.70;** oz., **$4.50;** 4 oz., **$14.00.**

ZINNIA
GIANT CACTUS
FLOWERED
MIXED

White and Cream

Isabellina. Soft cream-yellow.
Purity. (Polar Bear). The best large flowered white.

Yellow and Golden

Canary Bird. (Daffodil). Clear canary-yellow.
Golden Dawn (Golden Queen). Golden yellow.
Oriole. Orange and gold.
Orange King. Orange-scarlet.

Lavender and Purple

Dream (Lavender Gem). Deep lavender.
Purple Prince (Violet Queen-Royal Purple). Deep purple.

Pink and Rose

Eldorado. (Salmon Queen). Rose on deep salmon.
Exquisite. (Enchantress). Light rose, deep rose center.
Illumination. (Rose Queen). Deep rose-red.
Luminosa (Brightness). Bright deep pink suffused salmon.
Miss Willmott. Soft pastel pink.

Red and Scarlet

Cherry Queen. Brilliant cherry-rose.
Crimson Monarch (Crimson Queen). The best red.
Meteor. (Grenadier). Rich deep red.
Will Rogers. Brilliant scarlet-red.
Scarlet Queen. (Scarlet Flame). Bright scarlet.

Mixtures

★**Gold Medal Mixture.** A formula-blend composed of the most important cutflower varieties. We consider this the finest of the large flowered mixtures.

California Giants Vaughan's Special Mixture. Includes all the colors.

Super Crown of Gold Pastel Tints. Large well-formed flowers in rich pastel shades, each petal overlaid at the base with deep golden yellow.

Each of the above: ¼ oz., **40c;** ½ oz., **70c;** oz., **$1.25;** 4 oz., **$3.75;** lb., **$11.30.**

Pink Lady. Shrimp pink center and cream or buff outer petal. ¼ oz., **40c;** ½ oz., **70c;** oz., **$1.25;** 4 oz., **$4.00;** lb., **$12.00.**

Lilliput or Pompon 1½ to 2 ft.

Flowers the size of large button type of Pompon "Mum."

Black Ruby. Blackish maroon
Canary Yellow
Crimson
Dainty Gem. Bicolor rose
Deep Flesh. Bright pink
Golden Gem. Golden orange
Pastel Mixture
Purple
Rose Bud
Salmon-Rose A lovely color
Scarlet Gem
White Gem
Vaughan's Special Lilliput Mixture.

Each of above 13. ¼ oz., **40c;** ½ oz., **70c;** oz., **$1.25;** 4 oz., **$3.75;** lb., **$11.30.**

Lilliput Tom Thumb Mixture. Small double flowers in shades of red, orange, pink, yellow, white and pastels. Delightful for low bowls. 8-10 in.
¼ oz., **65c;** ½ oz., **$1.15;** oz., **$2.20;** 4 oz., **$6.60.**

Pumila Fl. Pl.

This is called the "Cut and Come Again" type. 2-3 ft.

Snowball. (Alba Plena)
Golden Orange. (Aurea)
Canary Yellow.
Fireball. (Coccinea Plena)
Pinkie. Rose-pink.
Salmon-Rose. Remarkable shade, good for cut flowers.
Sunshine Tints.
Vaughan's Special Pumila Mixed. The above shades.

Each of the above 8: ¼ oz., **50c;** ½ oz., **90c;** oz., **$1.50;** 4 oz., **$5.00;** lb., **$15.00.**

Fantasy 2½ to 3 ft.

The rounded flowers are composed of a mass of shaggy ray-like petals.

Fantasy Mixed. Our own **formula-blend** which includes soft orchid-lavender, orange, rose, deep golden yellow dazzling scarlet and white in just the right proportions ¼ oz., **50c;** ½ oz., **90c;** oz., **$1.50;** 4 oz., **$4.50;** lb., **$13.50.**

Other Zinnia Varieties

Cupid Mixed. Miniature flowers, 1 inch in diameter, on slender wiry stems. Plants are compact, about 1 ft. high ¼ oz., **50c;** ½ oz., **90c;** oz., **$1.50;** 4 oz., **$5.00;** lb., **$15.00.**

Linearis. (123,000 seeds per oz.) Blooms early and long, tiny semi-double orange flowers with yellow striped petal. Heat Resistant. Much used for edging and pots. Long lasting when cut. 8 to 10 in. 1/16 oz., **50c;** ⅛ oz., **90c;** ¼ oz., **$1.50;** ½ oz., **$2.70;** oz., **$4.50.**

Merry-Go-Round. Spire-like in appearance the cactus-like flowers are large with an unusual petal arrangement. Sharply defined bicolors, the outer petal in striking contrast to the center. A representative range of color, each petal being tipped in gold or white. 1/16 oz., **70c;** ⅛ oz., **$1.25;** ¼ oz., **$2.00;** ½ oz., **$3.60;** oz., **$6.00.**

Peppermint Stick Mixed. Medium size Pumila type flowers striped red and white, red and yellow, and purple and white. Attractive blooms freely produced from early until killing frost. ⅛ oz., **40c;** ¼ oz., **65c;** ½ oz., **$1.15;** oz., **$2.20;** 4 oz., **$6.60.**

Persian Carpet. Full-double miniature blooms in variegated combinations of gold and silver with maroon, wine and bronze. Mound-shaped plants for bedding. ⅛ oz., **60c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$27.00.**

Red Riding Hood. Scarlet. Button type. ⅛ oz., **35c;** ¼ oz., **50c;** ½ oz., **90c;** oz., **$1.35;** 4 oz., **$4.40.**

Creeping Zinnia

ANNUAL 42,000 seeds oz. 68° 1-2 weeks.

Procumbens. (Creeping Zinnia). Double yellow, dwarf edging and border plant.
⅛ oz., **50c;** ¼ oz., **90c;** ½ oz., **$1.60;** oz., **$2.75.**

FOR FAST PROFIT—QUICK SALE

You'll find ready sale for Zinnias in flats. Have plenty for your bedding plant season. Zinnias grow fast—four weeks in advance of your season allows ample time to produce nicely started plants. To avoid yellowing of leaves—grow on at a 60° night temperature.

FLORISTS—You Can Make Fast Profitable Sales with Vaughan's Packet Seeds in Your Retail Outlet

Many florists have found that the retail sale of flower and vegetable seed is a natural way to add to their business. And those florists selling Vaughan's packet seeds have found new profits, too! Vaughan's seeds sell. Since 1876 Vaughan's has catered to America's seed-buying habits. Through continuous market research, Vaughan's knows which seeds sell best in any area. And all of Vaughan's are the highest quality. Guaranteed to grow and to be true to variety and color stated on packet. Vaughan's own laboratory and field tests assure this.

Beautiful Full-Color Pictures on Packets

Every packet of Vaughan's seed shows the customer the flower or vegetable she can grow. And the famous Vaughan name is another aid to fast sales. Your profit is good, too. You buy packets at 50% off Retail Prices as shown here. Look over this group of best-selling popular packet seeds; they are all available to you for re-sale.

IN THE PINK, Cut Flower & Bouquet Mixtures **50c**
ALYSSUM, Violet Queen **25c**
ALYSSUM, Royal Carpet **25c**
ASTER, Mixture of All Giant Varieties **25c**
BACHELOR BUTTONS, (Centaurea Cyanus) Vaughan's Super Double Mixed **25c**
CHINESE Forget-Me-Nots, Firmament **25c**
COLEUS, Vaughan's Rainbow Mixture (Pelletized) **25c**
COSMOS, Sensation Special Mixed New Giant Early Strain **25c**
DAHLIA, Unwin's Dwarf Hybrids **25c**
DIANTHUS, Gaiety Mixed **25c**
LARKSPUR, Supreme Mixed **25c**
MARIGOLD, Super Giant Double Mixed **25c**
MARIGOLD, Small Flowered Single & Double Dwarf Mix **25c**
PETUNIA, F-2 Nana Compacta Colorama Mixed (Pelletized) **35c**
PETUNIA, Vaughan's Special Mixture Dwarf Small Flowering Varieties **25c**
PHLOX, Vaughan's Special Annual Mixture **25c**
POPPY Shirley, Vaughan's Special Mixture **25c**
PORTULACA, Single Jewel (Moss Rose) **25c**
SNAPDRAGON, Panorama F-2 (Pelletized) **35c**
SNAPDRAGON, Rust Proof Maximum Giant Flowered Mixed **25c**
SURPRISE, Garden Mixture **25c**
SWEET PEA Spencer, Cuthbertson Mixed **25c**
ZINNIA, Vaughan's Special Mixture of All Giant Sorts **25c**
ZINNIA, Fantasy Mixed **25c**

Best Sellers - Everything in Full Color

New Improved Display Cases and All New Packages

Packaged Strawberry Plants

Available for Spring Delivery Only

A NATURAL for counter sales. Plants are rolled in a moisture-sealed film separator and remain longer in a prime condition. For best results fresh plants should be re-ordered each 2 or 3 weeks. Normal shelf life about 3 weeks. 25 strong plants per package available in a large selection of varieties. All plants listed are grown from **VIRUS FREE** foundation stock, and have been twice inspected.

STRAWBERRY VARIETIES

JUNE BEARING

Armore, midseason
Aroma, midseason
Blakemore, early
Dixieland, early
Dunlap, early
Pocahontas, midseason
Premier, early
Robinson, midseason
Tenn. Beauty, midseason

EVERBEARING

Streamliner
Gem
Superfection

	Per case of 30 packages
JUNE BEARING	
Any variety, (not mixed)	**$19.25**
EVERBEARING	
Any variety, (not mixed)	**28.75**

	Per case of 30 package
SPECIAL ASSORTMENT "A", 10 pkgs. ea., 3 Spring bearing var.	**$21.00**
SPECIAL ASSORTMENT "B", 5 pkgs. ea. of all 3 everbearing var. 5 pkgs. ea., 3 Spring bearing var.	**24.50**

(F.O.B. MISSOURI)

Daylilies (Hemerocallis) Easy to Grow

Available for Spring and Fall Delivery

Daylilies thrive almost anywhere, in full sun or partial shade. For those "hard to grow" places and wherever bright color spots are desired in the garden, these plants provide abundant blooms from spring to fall. Not bothered by disease or insect pests. Plant 18 to 24 inches apart, just deep enough to cover root crown (where roots and foliage meet) **with** one inch of soil. Plant fall or spring. Divide clumps every two or three years. Fertilize twice a year, spring and fall.

Packaged Daylilies

Each package contains 2 plants of one color. Packed with 6 packages each of the following colors: Yellow, Copper-orange, Deep maroon, Cerise red, and Red & Yellow Bi-color.

Case of 30 packages.....**$16.50**

(F.O.B. MISSOURI)

Cannas— Large Flowering

Available for Spring Delivery Only

PACKAGED CANNAS

Packaged Cannas have proven to be one of the fastest moving Spring items, and have an exceptionally long shelf life. Each package has 3 bulbs of the same color. Colors available are Red, Pink & Yellow.

Each package contains 3 canna bulbs of one color. Packed 12 packages of red cannas, 6 packages of yellow cannas and 12 packages of pink.

Case of 30 packages.....**$14.00**

(F.O.B. MISSOURI)

Peonies in Illustrated Package

Available for Spring and Fall Delivery

Strong divisions, 3 to 5 eyes.

In Polyethylene, packed tightly in a generous supply of black peat.

Planting instructions on wrapper.

Large package (1 lb.). Packed to last through the entire season.

Foil topped to eliminate light and add glamour.

Full color wrapper over sturdy fiber spiral wound tube.

PACKAGED PEONIES BY VARIETIES

6 Karl Rosenfield (red)
6 Mons Jules Elie (pink)
6 Felix Crousse (scarlet)
6 Festiva Maxima (white)
6 Edulis Superba (bright pink)
Per Case (30 packages)
(F.O.B. Missouri).....**$17.00**

BY COLOR

6 Double White
12 Double Red
12 Double Pink
Per Case (30 packages)
(F.O.B. Missouri).....**$15.50**

Vaughan's Selected Vegetable Seeds

Whether it's Lima Beans (the largest sized seed we offer) or Tobacco (the smallest sized seed we offer) there's Vaughan's 88 years of knowhow that assures you of trueness to variety and excellence of quality.

Every lot of seed we offer for sale has been tested for germination in our laboratory just prior to shipment. Every variety we offer has been or will be grown in our field trials. Our seed growers operate in the localities most favorable for disease free and problem free seed crops. All of these factors enable us to assure you that you are obtaining the very best seed when you buy from Vaughan's

YOLO WONDER PEPPER

In our opinion the best open pollinated California Wonder type pepper. It is a dependable cropper widely adapted and has excellent fruit characteristics. We recommend it highly for market, for shipping, for bedding plant sales and home garden.

The glossy dark green fruit are mostly 4 lobed, 4—4½ inches long and 3½—4 inches in diameter and very thick meated. An outstanding variety combining mosaic resistance and vigorous plant growth with superior quality.

½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

EARLY GIANT HYBRID TOMATO

This true F-1 hybrid is the largest fruited, best tasting, heaviest yielding, finest looking early to midseason variety we have ever grown in our trials. Only hybrid techniques could possibly combine these qualities and in our opinion it excels all standard varieties.

Whether for market garden or home garden, for staking or ground culture, Early Giant Hybrid is a heavy yielder of 12-14 ounce flattened globe shaped fruits, with solid meaty interiors, red throughouf. Order early —its difficult to keep our production equal to the increasing demand.

1/16 oz., **$2.50;** ⅛ oz., **$4.50;** ¼ oz., **$8.50;** ½ oz., **$16.00;** 1 oz., **$30.00;** ¼ lb., **$90.00.**

There's

Instant Glamour

Promotion of

VAUGHAN'S VEGETABLES

Included With the Flowering Plant Promotion to Help Bedding Plant Growers

TINY TIM TOMATO

Mostly a novelty for bedding plant growers this variety has become very popular because its fruits are comparable to "cocktail sized" tomatoes. We have picked ripe fruits 40 days after transplanting into our trial gardens—by far (by 3 weeks) the earliest variety we've grown.

The full grown plants are never over 12 inches tall and do not have a diameter spread of over 12 inches. They can be grown in window boxes and are usually loaded with very bright red fruits which results in their being quite a decorative window box item.

The round fruits are approximately 1 inch in diameter bright red inside and out, and very flavorful. Seed supplies have been very limited the last few years so we don't know the full potential sales of this fine novelty.

¼ oz., **95c;** ½ oz., **$1.75;** oz., **$3.35;** ¼ lb., **$10.00.**

VAUGHAN'S HYBRID PEPPER

The lack of a suitable method of cross pollination has delayed the development of hybrid pepper varieties. We have been fortunate in finding two compatible inbreds whose progeny is vigorous, productive and dependable.

Fruits of this true F-1 hybrid are the largest, thickest meated, most attractive dark green of any variety we've ever seen. The big heavy peppers are 5—5½ inches long 4—4½ inches in diameter very glossy, and except for being so much larger resemble California Wonder.

It matures a few days later than California Wonder and therefore should be planted in peat pots. Vaughan's Hybrid may well have a place on many markets and we suggest at least a trial planting. 1/16 oz., **$1.50;** ⅛ oz., **$2.50;** ¼ oz., **$4.75;** ½ oz., **$9.00;** oz., **$17.50;** ¼ lb., **$52.50.**

BURPEES BIG BOY HYBRID TOMATO

Another very large fruited variety, a result of hybrid techniques, but considerably later than Early Giant Hybrid which has the same sized fruits. In areas north of Chicago so few fruits ripen on Burpees Big Boy that it is usually a disappointment. Further south Big Boy will out yield Early Giant Hybrid and has more vigorous vine growth.

In addition to being large the fruits are well colored, meaty and of high quality. The name in itself makes it a popular bedding plant item.

1/16 oz., **$2.50;** ⅛ oz., **$4.50;** ¼ oz., **$8.50;** ½ oz., **16.00;** 1 oz., **30.00.**

GLOBE ARTICHOKE

Plant 1 oz. for 500 plants. Usually is grown in frost free areas as a perennial, but is easily grown elsewhere as a novelty annual if started inside in January. Flower heads will develop in September.

	½ oz	Oz.	¼ lb.	1 lb.
Green Globe	**$0.55**	**$1.00**	**$3.00**	**$9.00**

ASPARAGUS SEED

Plant 1 oz. for 800 plants. 1 pound of seed produces roots for 1 acre.

	Oz.	¼ lb.	1 lb.
Mary Washington	**$0.30**	**$0.95**	**$2.80**
Paradise	**.40**	**1.20**	**3.60**

BEANS

Complete listing of beans, peas and corn on page 70.

BEETS

Plant 2 oz. per 150 foot of row, 7 pounds per acre in rows 18-24 inches apart. Thin red beets to 1 inch apart and Mangels, and Swiss Chard to 6 inches apart in the row.

Garden Varieties

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Crosby's Egyptian	**$0.30**	**$0.55**	**$1.60**	**$1.35**
Detroit Dark Red	**.30**	**.60**	**1.75**	**1.50**
Perfected Detroit	**.30**	**.70**	**2.00**	**1.75**
Early Wonder Special Green Top	**.30**	**.60**	**1.75**	**1.50**
Royal Red	**.30**	**.70**	**2.00**	**1.75**
Ruby Queen	**.30**	**.55**	**1.60**	**1.35**
Winter Keeper (Long Season)	**.30**	**.75**	**2.25**	**2.00**

Mangels

Mammoth Long Red	**$ .30**	**$ .45**	**$1.40**	**$1.15**

Swiss Chards

Dark Smooth. Broad White rib	**$0.30**	**$0.55**	**$1.60**	**$1.35**
Giant Fordhook	**.30**	**.55**	**1.60**	**1.35**
Lucullus	**.30**	**.55**	**1.60**	**1.35**
Rhubarb	**.30**	**.70**	**2.00**	**1.75**

BRUSSELS SPROUTS

Approximately 7,000 seeds per ounce. Same culture as broccoli. Does best when seeds are planted in the garden in mid-June and transplanted to the field in mid-July. The flavor is improved by a touch of frost.

★**Jade Cross.** An excellent F1 hybrid variety. Very productive, uniform, and easy to grow compared with other strains. ⅛ oz., **$1.15;** ¼ oz., **$2.00;** ½ oz., **$3.75;** oz., **$7.25;** ¼ lb., **$22.00.**

Long Island Improved Catskill Strain. A heavy yielding strain very uniform. Oz., **50c;** ¼ lb., **$1.50;** lb., **$4.50.**

GREEN SPROUTING BROCCOLI

Approximately 9,000 seeds per ounce. Bedding plants can be ready for sales about 4-5 weeks after seeding. Seeds germinate rapidly and are ready for transplanting in about 10 days. Transfer to coldframes to hold. Number of days in variety description refers to days required from planting plants in the garden to first harvest.

BROCCOLI WALTHAM 29

★**Waltham 29.** 60 days. A very uniform heavy yielding variety with medium sized heads. The beads are small and hold for a long time before elongating for bloom. Oz., **50c;** ¼ lb., **$1.50;** lb., **$4.50.**

De Cicco. 60 days. A good early strain. Plants are light green in color forming compact heads bluish green in color. Oz., **40c;** ¼ lb., **$1.20;** lb., **$3.60.**

Calabrese. Oz., **40c;** ¼ lb., **$1.20;** lb., **$3.60.**

CABBAGE

Approximately 7,000 seeds per ounce. Seeds germinate rapidly and are ready to transplant into peat pots or flats in 10 days. They are ready for sale or for the field in 5 weeks. Must be grown in cool house after transplanting.

Hybrid Varieties

Instant Glamor

Emerald Cross. 67 day. A true F-1 hybrid cabbage with all the characteristics of Copenhagen Market plus hybrid vigor and uniformity. ¼ oz., **$1.15;** ½ oz., **$2.00;** oz., **$3.60;** 4 oz., **$11.00;** lb., **$32.00.**

★**O. S. Cross.** 75 days. The chief merits of this true F1 hybrid is its huge size, extreme vigor and high quality. We've been told by customers that some heads have weighed as much as 28 pounds. ¼ oz., **$1.15;** ½ oz., **$2.00;** oz., **$3.60;** ¼ lb., **$11.00;** 1 lb., **$32.00.**

Yellows Resistant Varieties

All Seasons. 90 days. It is used more for kraut than any other purpose, heads large, 7 inches deep. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.65;** 1 lb., **$5.00.**

Badger Market. 70 days. A round headed resistant variety of 3 to 3½ pounds in weight that is ideally suited for shipping. ½ oz., **30c;** oz., **50c;** ¼ lb., **$1.55;** 1 lb., **$4.60.**

Bugner. 100 days. It is one of the heaviest for size of head, being firm, tender and excellent quality. 8 inches in diameter, round, flattened slightly, deep through, 7 inches, **No seed available this year.**

Globe. 75 days. Resistant Glory of Enkhuizen. Solid heads 6-7 inches in diameter and weighing up to 7 pounds. Holds well. Excellent flavor and texture. ½ oz., **30c;** oz., **45c;** ¼ lb., **$1.35;** 1 lb., **$4.00.**

★**Golden Acre Resistant.** 63 days. A very uniform strain of early round headed cabbage. The heads are firm compact with bluish outer leaves. The interior is clear white of excellent quality. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.65;** lb., **$5.00.**

Greenback. 75 days. Resistant Round Dutch-type with excellent yellows resistance and in addition resistant to bolting. A good market and shipping variety. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.65;** 1 lb., **$5.00.**

★**Jersey Queen.** 60 days. A very uniform strain of early pointed or cone shaped cabbage bred with yellows resistance. Heads hard 7 inches tall and 5 inches wide weighing 3 pounds. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.60;** lb., **$4.75.**

Cabbage descriptions continued on next page.

FIELD OF YELLOWS RESISTANT BUGNER CABBAGE

Our Specially Recommended Varieties Have A Star Before the Variety Name

Yellows Resistant Varieties—Continued

Marion Market. 75 days. A resistant type of Copenhagen except a little later and coarser. Heavy producer and adapted for kraut and market. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.60;** 1 lb., **$4.75.**

Racine Market, Wisconsin Pride. 64 days. Large, round headed, uniform cabbage with characteristic blue green color. Holds well. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.65;** 1 lb., **$5.00.**

Wisconsin Ballhead Improved. 100 days. Head 7 inches in diameter, nearly round. Solid, smooth, uniform, weighing 7 pounds, smaller and more uniform than No. 8. ½ oz., **40c;** oz., **65c;** ¼ lb., **$2.00;** 1 lb., **$6.00.**

Wisconsin Copenhagen. 67 days. A very fine strain of Copenhagen; resistant, with solid heads of good color and size for market. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.65;** 1 lb., **$5.00.**

Wisconsin Hollander No. 8. 110 days. Heads round to flattened, dark green. 8 inches wide, 6½ inches deep and of good quality, weighing 8 pounds. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.65;** 1 lb., **$5.00.**

Standard Varieties

Bonanza. 75 days. An almost round very firm head about 6½ inches in diameter. Very slow to bolt. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.60;** 1 lb., **$4.75.**

Charleston Wakefield. 73 days. Heads pointed or bluntly so, heart shaped, 7½ inches long, 7 inches wide, 4½ pounds in weight. ½ oz., **30c;** oz., **40c;** ¼ lb., **$1.00;** 1 lb., **$3.00.**

Chiefton Savoy. 90 days. The best strain we have grown in our trials. Heads 7 inches across, 6 inches deep, weighing 5 pounds. Extremely savoyed leaf with a hard head. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.65;** 1 lb., **$5.00.**

Copenhagen Market Select. 67 days. Desirable for early market home garden or kraut. Head round, 7 inches in diameter, weighing 4 pounds. ½ oz., **30c;** oz., **50c;** ¼ lb., **$1.50;** 1 lb., **$4.50.**

Danish Ballhead, Short Stem or Dwarf Amagar. 105 days. Used for shipping, storage and kraut. Heads round, 7 to 8 inches in diameter, very firm smooth, solid, weighing 8 pounds. Interior very closely packed, exceptional quality. ½ oz., **30c;** oz., **50c;** ¼ lb., **$1.50;** 1 lb., **$4.50.**

Early Flat Dutch. (Steins). 75 days. Head 7 inches wide, 6 inches deep, weighing 4-5 pounds; medium green color, good keeper. ½ oz., **30c;** oz., **40c;** ¼ lb., **$1.10;** 1 lb., **$3.25.**

Early Jersey Wakefield. 61 days. Like Jersey Queen but not yellows resistant. ½ oz., **30c;** oz., **40c;** ¼ lb., **$1.10;** 1 lb., **$3.25.**

Golden Acre Select. 63 days. An early round head 6 inches in diameter and weighing 3 pounds; very firm. Our special strain is widely used in areas where yellows is not a problem. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.65;** 1 lb., **$5.00.**

Premium Lake Flat Dutch. 110 days. 12 inches wide, 7 inches deep, weight 12 pounds. One of the largest flat heads and an excellent grower anywhere. ½ oz., **30c;** oz., **40c;** ¼ lb., **$1.10;** 1 lb., **$3.25.**

Succession (Hendersons Strain). 88 days. A dependable variety for late summer and fall crop with good quality. Heads large flat and solid. ½ oz., **30c;** oz., **45c;** ¼ lb., **$1.40;** 1 lb., **$4.00.**

Red Varieties

Early Red Acre. (Early Red). 90 days. The earliest red cabbage, very uniform in color, size and maturity. ½ oz., **30c;** oz., **50c;** ¼ lb., **$1.50;** 1 lb., **$4.50.**

Red Wisconsin Resistant. 100 days. Same as Mammoth Rock Red except it has been bred for yellows resistance. ½ oz., **50c;** oz., **85c;** ¼ lb., **$2.50;** 1 lb., **$7.50.**

Chinese Cabbage

PAOTING MICHIHLI

Michihli. 70 days. Improved Strain of Chihli uniform size and heading ability heads 15-18 inches tall, 4-5 inches thick tapering. Very fine table quality. oz., **30c;** ¼ lb., **80c;** 1 lb., **$2.50.**

Paoting or Wong Bok. 80 days. Heads short, flattened ends, 9 to 10 inches tall. oz., **30c;** ¼ lb., **80c;** 1 lb., **$2.50.**

Nagoa Spring (Hybrid). 75 days. Easily grown as a spring crop, and can be planted earlier in the summer for a fall crop. Heads resemble Wong-Bok but store better. ½ oz., **80c;** oz., **$1.50;** ¼ lb., **$4.50;** 1 lb., **$13.50.**

CANTALOUPE

An ounce of seed will plant 100 hills. 2½ lbs. per acre. Rows should be about 6 foot apart. Hills 4 foot apart in the row.

Hybrid Variety

Super Market. 85 days. A very productive high quality hybrid becoming quite popular in many areas. Fruits are attractively oval, heavily netted and slightly ribbed. ⅛ oz., **$2.50;** ¼ oz., **$4.50;** ½ oz., **$8.50;** oz., **$16.50;** ¼ lb., **$50.00;** lb., **$150.00.**

Standard Varieties

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Banana	$0.40	$1.25	$3.75	$3.50
Hale's Best Jumbo Strain	.30	.85	2.50	2.25
Harvest Queen	.35	1.10	3.25	3.00
Hearts of Gold or Improved Hoodoo	.30	.85	2.50	2.25
Honey Dew	.30	.85	2.50	2.25
Honey Rock	.30	.85	2.50	2.25
Iroquois	.30	.85	2.50	2.25
Milwaukee Market	.30	.85	2.50	2.25
Penn Sweet	.35	1.10	3.25	3.00
Pride of Wisconsin	.30	.85	2.50	2.25
Rocky Ford. Green Flesh	.30	.85	2.50	2.25
Schoon's Hardshell (Early Bender)	.30	.85	2.50	2.25

CARDOON

Plant seeds early in greenhouse; transplant into rows 36 inches apart and 12 inches apart in the row. 1 ounce for 100 foot of row.

	½ oz.	Oz.	¼ lb.	1 lb.
Large Smooth Leaf	$0.50	$0.85	$2.50	$7.50

CARROT

One ounce will plant 300 foot of row. 1½-2½ lbs. per acre. Seed direct in rows 12 to 18 inches apart.

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Chantenay Greater (Long Type)	$0.30	$0.65	$2.00	$1.75
Chantenay (Red core)	.30	.65	2.00	1.75
Danvers Half Long. Red core	.30	.65	2.00	1.75
Gold Pak	.40	1.20	3.50	3.25
Hutchinson (Waltham Strain)	.30	.85	2.50	2.25
Imperator Long Type	.30	.85	2.50	2.25
Improved Long Orange	.30	.65	2.00	1.75
Nantes Half Long	.30	.75	2.20	1.95
Oxheart	.30	.85	2.50	2.25
Sweetheart	.40	1.20	3.50	3.25
Touchon	.30	.75	2.20	1.95
Waltham Hicolor	.40	1.20	3.50	3.25

CAULIFLOWER

Approximately 7,000 seeds per ounce. Culture for bedding plants same as for cabbage. Bedding plant customers will be better satisfied if you sell cauliflower plants in peat pots because it insures unchecked growth.

CAULIFLOWER IDEAL

★**Super Select Snowball.** 55 days. An early very uniform variety, all heading within a few days. Heads average 6 in. in diameter with excellent white color, a fine texture, and weigh about 2 pounds. ¼ oz., **95c;** ½ oz., **$1.75;** oz., **$3.25;** ¼ lb., **$9.75.**

★**Ideal.** 60 days. Tends to head very well even under adverse conditions. ¼ oz., **$1.00;** ½ oz., **$1.90;** oz., **$3.50;** ¼ lb., **$10.00.**

New Snowball. (Main-crop). 60 days. Weight 2 pounds, firm, compact, pure white, a most sure header. ¼ oz., **85c;** ½ oz., **$1.60;** oz., **$3.00;** ¼ lb., **$9.25.**

Snowball 25. 65 days. A very rugged strain of Snowball Cauliflower with extremely wide adaptation. It has a rather long harvest period which is preferred by many. Heads are firm, extra solid, and an excellent white. ¼ oz., **95c;** ½ oz., **$1.75;** oz., **$3.25;** ¼ lb., **$9.75.**

CELERIAC

Culture and seeding same as for celery.

	½ oz.	Oz.	¼ lb.	1 lb.
Large Smooth Prague	$0.40	$0.70	$2.15	$6.50

CELERY

An ounce of seed will produce 8000-10,000 plants. 20,000-30,000 plants are required to plant an acre if planted 12 inches apart in rows 24 inches.

	¼ oz.	½ oz.	Oz.	¼ lb.	1 lb.
Giant Pascal	$0.30	$0.50	$0.85	$2.50	$ 7.50
Golden Self-Blanching Dwarf	.35	.60	1.10	3.25	9.75
Spartan 162	.70	1.35	2.50	7.50	22.50
Summer Pascal	.35	.60	1.10	3.35	10.00
Tall Utah 52-70	.70	1.35	2.50	7.50	22.50
Utah Pascal	.35	.60	1.10	3.25	9.75

CHERVIL

Plant about ½ ounce of seed per 100 foot of row. Germinates slowly and grows slowly until plants are 2 inches tall. Thin to about 5 inches apart.

	Oz.	¼ lb.	1 lb.
Double Curled	$0.30	$0.75	$2.25

CHICORY

Plant early as possible using ½ ounce of seed per 100 foot of row. Thin plants to 6 inches.

	Oz.	¼ lb.	1 lb.
Asparagus or Radichetta	$0.30	$0.90	$2.75
Magdeburg. Large rooted	.30	.90	2.75
San Pasquale	.35	1.00	3.00
Witloof or French Endive	.30	.90	2.75

CHIVES

Plant early as possible about 1 oz. of seed for 100 foot of row.

	½ oz.	Oz.	¼ lb.	1 lb.
Allium Schoenoprasm	$0.75	$1.35	$4.10	$12.25

COLLARDS

Seeded directly in the field in rows 24-30 inches apart. Requires about 2-2½ lbs. of seed per acre, ½ ounce will plant 100 foot of row.

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Georgia	$0.30	$0.40	$1.15	$1.00
Vates	.30	.70	2.00	1.85

SWEET CORN

Complete listing of corn, beans and peas on page 70.

CORN SALAD

One ounce will plant 100 foot of row. Usually not grown in acres.

	½ oz.	Oz.	¼ lb.	1 lb.
Feticus (Mache-stick)	$0.30	$0.45	$1.30	$3.80

CRESS

One ounce will plant the equivalent of 50 foot of row. Usually not grown in acres.

	½ oz.	Oz.	¼ lb.	1 lb.
Curled or Pepper Grass	—	$0.30	$0.65	$1.90
Upland	—	.40	1.20	3.60
Water	.65	1.15	3.35	10.00

CUCUMBERS

An ounce will plant about 75 foot of row. 2-3 lbs. are required to plant an acre in hills 3 feet apart in rows 5 feet apart.

Some bedding plant markets are readily accepting cucumber plants in peat pots. They are easy to start. Just plant 2 seeds directly in a peat pot and thin to 1 plant after stand is established. Plants are ready for sale in 4 weeks.

Hybrid Variety

	⅛ oz.	¼ oz.	½ oz.	Oz.	¼ lb.
Vaughan's Hybrid	$0.95	$1.75	$3.00	$5.50	$16.50

Standard Varieties

	1 oz.	¼ lb.	1 lb.	5 lbs. per lb.
Ashley	$ .30	$ .95	$2.75	$2.50
Boston Pickling	.30	.65	2.00	1.75
Chicago Westerfield Pickling	.30	.65	2.00	1.75
Fletcher	.35	1.00	3.00	2.75
Improved Long Green	.30	.80	2.35	2.10
Mandarin	.40	1.20	3.75	3.50
Marketer Long Type	.30	.95	2.75	2.50
Marketer	.30	.75	2.25	2.00
MR 17	.30	.65	2.00	1.75
National Pickling	.30	.65	2.00	1.75
Smoothie	.35	1.00	3.00	2.75
Spartan Dawn	1.00	3.00	9.00	8.50
Stono	.30	.85	2.50	2.25
Straight Eight	.30	.85	2.50	2.25
The Vaughan or Longfellow	.30	.85	2.50	2.25
West India Gherkin	.35	1.00	3.00	2.75
Yorkstate	.30	.65	2.00	1.75

CUCUMBER ASHLEY

DANDELION

An ounce will plant 300 foot of row 1½-2 lbs. per acre.

	½ oz.	Oz.	¼ lb.	1 lb.
Thick Leaved or Cabbaging	$0.90	$1.65	$5.00	$15.00

DILL

An ounce will plant 300 foot of row 3-4 lbs. for an acre.

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Long Island Mammoth	$0.30	$0.50	$1.30	$1.05

EGG PLANT

About 6,000 seeds per ounce. Sow seed 7-8 weeks before early plant sales begin. Ready for transplanting to peat pots 14-20 days after seeding. Require warm house.

EGGPLANT BLACK BEAUTY

★**Vaughan's Hybrid.** 80 days. An F1 Hybrid of Black Beauty type. The plants are more vigorous, productive and fruits are somewhat larger. Dark purple and excellent quality. ⅛ oz., **$1.75;** ¼ oz., **$3.00;** ½ oz., **$5.50;** oz., **$10.00;** ¼ lb., **$30.00.**

★**Black Beauty.** 80 days. The standard variety for broad fruits. Widely grown because of its excellent quality and flavor. Plants are 24-30 inches tall producing smooth, dark purple, deep globe shaped fruits. ¼ oz., **40c;** ½ oz., **65c;** oz., **$1.15;** ¼ lb., **$3.35;** lb., **$10.00.**

Fort Myers Market (Florida High Bush). 83 days. Plants are tall carrying the fruits well off the ground. Fruits are oval, and very dark purple. ¼ oz., **40c;** ½ oz., **65c;** oz., **$1.15;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

ENDIVE

½ ounce will plant 100 foot of row. Two pounds will plant an acre with rows 18-24 inches apart.

	Oz.	¼ lb.	1 lb.
Broad-leaved Batavian White Escarolle Full Heart	$0.30	$0.70	$2.10
Florida Deep Heart	.30	.70	2.10
Green Curled Pancalier, Rose Ribbed	.30	.70	2.10
Green Curled Summer	.30	.70	2.10
Salad King	.40	1.10	3.30

GARDEN HUCKLEBERRY

Same culture as Tomatoes, see page 68.

	½ oz.	Oz.	¼ lb.	1 lb.
Common	$0.50	$0.90	$2.65	$7.85

HERBS

During the past four or five years herbs have become more popular and to keep our customers with items to sell we have increased our listings. Most of the herbs are easily and economically grown. There is a nice profit growing and selling herb plants in 2¼ or 3 inch peat pots.

Seed requirements vary so greatly that no attempt can be made here to list them by kind.

	½ oz.	Oz.	¼ lb.	1 lb.
Anise	—	$0.40	$1.15	$3.50
Borage	—	.30	.90	2.70
Caraway	—	.30	.90	2.70
Catnip	.55	.95	2.90	8.75
Coriander	—	.30	.85	2.60
Fennel, Florence	—	.40	1.25	3.75
Fennel, Sweet	—	.40	1.15	3.50
Hyssop	.50	.85	2.50	7.50
Lavender (True)	1.00	1.85	5.50	16.50
Rosemary	1.65	3.15	9.50	28.50
Rue	.65	1.15	3.35	10.00
Saffron	.45	.80	2.40	7.20
Sage	.40	.65	1.90	5.75
Savory, Summer	.30	.50	1.45	4.30
Sweet Basil (Lettuce Leaf)	.30	.50	1.45	4.30
Sweet Marjoram	.55	.95	2.90	8.75
Thyme	1.00	1.85	5.50	16.50

KALE OR BORECOLE

½ ounce will plant 100 foot of row. Two lbs. will plant an acre in 24-30 inch rows.

	Oz.	¼ lb.	1 lb.
Dwarf Green Curled	$0.30	$0.65	$1.90
Tall Green Scotch	.30	.65	1.90
Vates (Dwarf Blue)	.30	.65	1.90
Siberian Long Standing	.30	.55	1.70

KOHLRABI

½ ounce will plant 100 foot of row. Two lbs. will plant an acre in 24 inch rows.

	Oz.	¼ lb.	1 lb.
Early Purple Vienna	$0.35	$1.00	$3.00
Early White Vienna	.35	1.00	3.00

LEEK

½ ounce will plant 100 feet of row. 2-3 lbs. for an acre planted in rows 18 inches apart.

	Oz.	¼ lb.	1 lb.
Large Musselburg	$0.50	$1.50	$4.50

LETTUCE

½ ounce will plant 100 foot of row. Two lbs. will plant an acre with rows 18-24 inches apart.

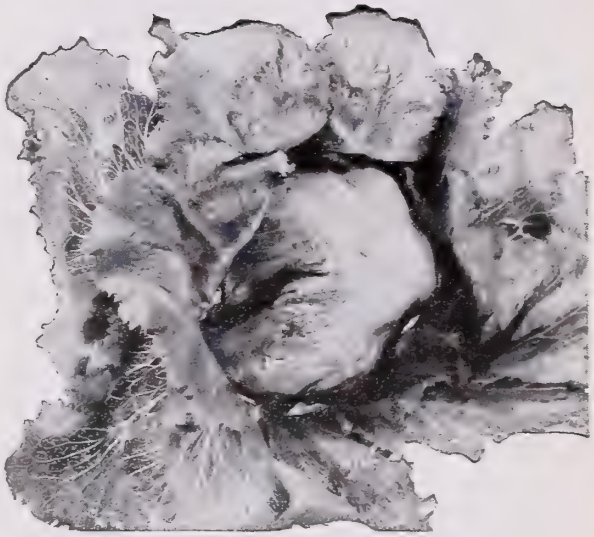
For greenhouse forcing our Grand Rapids Forcing and our Bibb strains are unsurpassed.

There is a limited market for lettuce plant sales. A few of our customers do sell lots of lettuce plants.

Leaf Varieties

	Oz.	¼ lb.	1 lb.
Black-Seeded Simpson	$0.30	$0.70	$2.00
Early Curled Simpson	.30	.70	2.00
Grand Rapids Forcing	.30	.75	2.25
Oak Leaf	.35	1.10	3.25
Prizehead	.30	.70	2.00
Ruby	.40	1.15	3.50
Salad Bowl	1.00	2.95	8.75

Crisp Head Varieties



GREAT LAKES

Great Lakes (for uplands)	$0.65	$1.85	$5.50
Great Lakes No. 659 for fall crop	.65	1.85	5.50
Iceberg	.30	.75	2.25
Imperial No. 456 (for Muck or lowlands)	.65	1.85	5.50
New York No. 12	.40	1.20	3.85
Oswego	1.00	3.00	9.00

Lettuce continued on next page

LETTUCE—Continued

Butter Head Varieties

	Oz.	¼ lb.	1 lb.
Buttercrunch (Bibb type)	$2.35	$7.00	$21.00
Bibb	.30	.85	2.50
Big Boston	.30	.65	2.00
Matchless	.55	1.60	4.75
Unrivalled or White Boston	.30	.85	2.50

Cos Varieties

Express Cos (Dark Green)	$0.30	$0.70	$2.10
Paris White Cos.	.30	.70	2.10
Parris Island Cos.	.40	1.15	3.50

Mosaic Tested Varieties

Mosaic tested seed is grown in areas free of the insects that transmit mosaic. All plants which show mosaic (which is also seed-born) are removed. This combination virtually eliminates seed-born mosaic. Lots are rated MT only if testing shows less than one tenth of one percent mosaic infected seeds.

Cornell 456 MT	$1.00	$3.00	$9.00
Parris Island Cos MT	.95	2.85	8.50
White Boston MT	.60	1.85	5.50

MUSTARD

One ounce will plant 300 foot of row. About 3 lbs. will plant an acre in rows 24 inches apart.

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Chinese Smooth Leaf	$0.30	$0.50	$1.00	$0.85
Florida Broad Leaved	.30	.50	1.00	.85
Giant Southern Curled Long Standing	.30	.50	1.00	.85
Green Wave (Long standing)	.30	.60	1.15	1.00
Tendergreen	.30	.50	1.00	.85

OKRA

Two ounces will plant 100 foot of row. 5-6 lbs. will plant an acre in rows 40 inches apart.

	¼ lb.	1 lb.	5 lbs. per lb.
Clemson Spineless	$0.35	$1.00	$0.85
Dwarf Long Pod	.35	1.00	.85
Perkins Mammoth	.35	1.00	.85
White Velvet	.35	1.00	.85

ABUNDANCE HYBRID

ONIONS

An ounce will plant 100 foot of row. 3-4 lbs. will plant an acre in rows 18 inches apart. Write for special quantity net prices.

Some of our customers have made nice profits selling onion plants in flats. They seed 7-10 seeds per inch of row in flats in rows 1½-2 inches apart about 6 weeks before offering the plants for sale. Short daylength varieties like Bermuda and Hybrid Sweet Spanish have been particularly good sellers.

Hybrid Varieties

	Oz.	¼ lb.	1 lb.
Abundance (Early Yellow Globe Type)	$1.15	$3.35	$10.00
Aristocrat	1.15	3.35	10.00
Autumn Spice Storage Type (northern area)	1.15	3.35	10.00
Brown Beauty (Yellow Globe Type)	1.15	3.35	10.00
Early Harvest	1.40	4.20	12.50
Elite	1.15	3.35	10.00
Encore (Early Yellow Globe Type)	1.15	3.35	10.00
Magnifico (Sweet Spanish Type)	1.40	4.20	12.50
Vaughan's Winter Keeper	1.30	4.00	12.00

Standard Varieties

Beltsville Bunching	$1.95	$5.85	$17.50
Bermuda Yellow	.40	1.20	3.60
Crystal White Wax	.40	1.20	3.60
Downing Yellow Globe	.55	1.70	5.00
Early Yellow Globe	.50	1.55	4.75
Ebenezer Yellow	.30	.85	2.50
Ebenezer White	.30	.85	2.50
Golden Globe	.30	.90	2.75
He-Shi-Ko or Jap Bunching	.35	1.00	3.00
Red Wethersfield	.50	1.50	4.50
Southport White Globe	.55	1.55	4.75
Southport Red Globe	.55	1.55	4.75
Southport Yellow Globe	.55	1.55	4.75
White Lisbon Bunching	.35	1.00	3.00
White Portugal	.40	1.20	3.60
White Sweet Spanish	.65	1.90	5.75
Yellow Sweet Spanish	.55	1.70	5.00

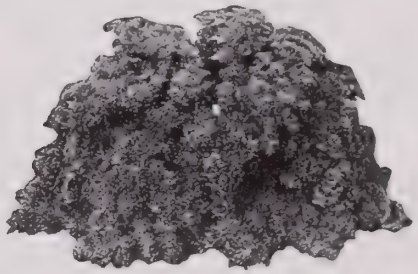
PARSNIP

½ ounce will plant 75 foot of row. 3-4 lbs. will plant an acre in rows 24-30 inches apart.

	Oz.	¼ lb.	1 lb
All American Hollow Crown	$0.30	$0.50	$1.50
Harris Model	.30	.50	1.50

PARSLEY

Approximately 10,000 seeds per ounce. Parsley plants in peat pots are a natural for plant sales. Seed 9-10 weeks before offering plants for sale. Transplant to peat pots 15-21 days after seeding.



PARSLEY VAUGHAN'S XXX

Vaughan's XXX. The finest possible strain of triple curled parsley. Plants compact, dark green, with exceedingly fine cut and finely curled leaves. Oz., **35c;** ¼ lb., **$1.00;** 1 lb., **$3.00.**

Champion Moss Curled. 70 days. Plant compact, dark green, exceedingly fine cut, dense. Oz., **30c;** ¼ lb., **90c;** 1 lb., **$2.75.**

Plain Regular. 72 days. Leaves bright green, deeply cut, flat, not curled, stem small, solid. Oz., **30c;** ¼ lb., **85c;** 1 lb., **$2.50.**

Italian Giant Plain Celery Leaved. Leaves are larger and darker green than regular Plain Parsley. Oz., **35c;** ¼ lb., **$1.00;** 1 lb., **$3.00.**

Hamburg Rooted. 90 days. Root 8 to 10 inches long, parsnip like, used for flavoring. Leaves plain, deeply cut, stem hollow, twinged with purple. Oz., **30c;** ¼ lb., **85c;** 1 lb., **$2.50.**

PEAS

See complete listing of peas, beans and corn on page 70.

PEPPERS

Approximately 4,500 seeds per ounce. Seed 6-7 weeks before offering plants for sale. Transplant 10-15 days after seeding. Germinate seed warm. Peppers are very popular for plant sales.

Hybrid Variety

Instant Glamour

Vaughan's Hybrid. 75 days. The value of this hybrid is its ability to produce large crops of fine big peppers. Fruits are 4½-5 inches long, 4 inches in diameter, four lobed with very thick flesh. A dependable yielder under almost all conditions. 1/16 oz., **$1.50;** ⅛ oz., **$2.50;** ¼ oz., **$4.75;** ½ oz., **$9.00;** oz., **$17.50;** ¼ lb., **$52.50.**

Standard Varieties

All Big (Illinois F-5). 65 days. Early maturing general purpose variety for market and home garden. Fruits pendant dark green 3 and 4 lobes, walls medium thick. ½ oz., **65c;** oz., **$1.20;** ¼ lb., **$3.60;** 1 lb., **$10.75.**

California Wonder. 75 days. A fine variety with sweet fruits. 4½ inches long and 3½ inches in diameter. Fruits are dark green changing to scarlet when mature. The flesh is thick, and the flavor excellent. ½ oz., **55c;** oz., **95c;** ¼ lb., **$2.75;** lb., **$8.25.**

Early California Wonder. 70 days. All the fruit and plant characteristics are the same as California Wonder and Yolo Wonder, but the variety seems to set fruits earlier in more fertile soils than either of the others. ½ oz., **55c;** oz., **$1.00;** ¼ lb., **$2.95;** lb., **$8.75.**

Cayenne, Long Red. 70 days. Plant productive, large. Fruit, 5 by ¾ inch, pendant, tapering, deep green, changing to red. Hot. ½ oz., **55c;** oz., **$1.00;** ¼ lb., **$3.00;** 1 lb., **$9.00.**

Golden California Wonder. 80 days. The same as California Wonder except peppers when young are green then change to yellow as they mature and finally change to orange red. A very fine flavor and color. ½ oz., **65c;** oz., **$1.20;** ¼ lb., **$3.50;** 1 lb., **$10.50.**

Hungarian Hot. 65 days. Plant medium tall and very prolific, having as many as 16 full size fruits, 7 by 1½ inches at shoulder, tapering to a straight point. Pale yellow green, changing to deep crimson. ½ oz., **65c;** oz., **$1.20;** ¼ lb., **$3.50;** 1 lb., **$10.50.**

Hungarian Sweet. (Sweet Banana). Same as Hot, but sweet. (See picture). ½ oz., **65c;** oz., **$1.20;** ¼ lb., **$3.50;** 1 lb., **$10.50.**

Italianelle. 62 days. An early thin fleshed sweet variety with green fruits about 5 inches long and 1½-2 inches in diameter. Excellent for drying. ½ oz., **60c;** oz., **$1.05;** ¼ lb., **$3.15;** 1 lb., **$9.50.**

King of the North, Ruby King. 68 days. Erect, prolific plants, fruit 5 by 3 inches, 3-lobed, tapered, smooth, deep green turning deep red. Sweet. ½ oz., **60c;** oz., **$1.05;** ¼ lb., **$3.15;** 1 lb., **$9.50.**

Pimento Perfection. 73 days. Plant erect, large prolific, fruit 3½ by 2½ inches, top shape, heavy walls, smooth, pendant, dark green turning to bright crimson. Sweet. ½ oz., **60c;** oz., **$1.05;** ¼ lb., **$3.15;** 1 lb., **$9.50.**

Roumanian Block Type Mild. 65 days. The Semi sweet, blocky, waxy yellow peppers make this a popular variety. The fruits are 4½ inches long and 3 inches in diameter. Only a small portion of the fruit around the seed has hotness. ¼ oz., **70c;** ½ oz., **$1.30;** oz., **$2.50;** ¼ lb., **$7.50.**

Roumanian Block Type Sweet. 65 days. Same as Roumanian Block Type Mild but sweet. ¼ oz., **70c;** ½ oz., **$1.30;** oz., **$2.50;** ¼ lb., **$7.50.**

Small Red Chili. 82 days. Plant low, spreading, productive. Fruits erect, conical, very hot; color light green, changing to bright red. Used in making pepper sauce. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

Sunnybrook Pimento. 73 days. Sweet, rather tall plant, prolific, fruit 2½ by 2¾ inches, called a squash pepper or tomato pepper due to shape, deep green turning to deep red. ½ oz., **75c;** oz., **$1.40;** ¼ lb., **$4.20;** 1 lb., **$12.50.**

Wisconsin Lakes. 65 days. This variety has outyielded California Wonder in Wisconsin consistently. The plants are 18 to 21 inches tall, the fruits are upright and medium to large, thick fleshed. ½ oz., **80c;** oz., **$1.45;** ¼ lb., **$4.30;** 1 lb., **$13.00.**

World Beater, Magnum Dulce. 75 days. Sweet, vigorous, upright, prolific fruit 5 by 3½ inches, mostly 4-lobed, smooth. ½ oz., **55c;** oz., **$1.00;** ¼ lb., **$2.95;** 1 lb., **$8.75.**

Yolo Wonder. 70 days. (See page 59 for color picture). By far the best strain of **California Wonder.** ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** lb., **$10.00.**

PUMPKIN

Grow in most any soil. One ounce of seed will plant 15-20 hills. Three pounds will plant one acre in hills 4 foot apart in the row with rows 7 foot apart.

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Connecticut Field or Big Tom	$0.30	$0.70	$2.00	$1.80
Halloween (Jack O'Lantern)	.30	.70	2.15	1.95
Kentucky Field	.30	.60	1.80	1.60
Small Sugar Pie	.30	.70	2.15	1.95
Striped Cushaw	.30	.70	2.00	1.80
Vaughan's Mammoth Prize	.30	.80	2.35	2.15

PEPPER HUNGARIAN OR BANANA SWEET

RADISH

One ounce of seed will plant 75 foot of row. About 15 lbs. is required to plant an acre in rows 12 inches apart. Write for special net prices for quantities.

Champion and Crimson Giant are both excellent varieties for greenhouse forcing. They both also make excellent tops for early bunching.

RADISH SCARLET GLOBE SHORT TOP

	¼ lb.	1 lb.	5 lbs. per lb.	25 lbs. per lb.
Burpee White	$0.70	$2.15	$2.00	$1.85
Cavalier	.40	1.15	1.00	.85
Champion	.40	1.30	1.15	1.00
Cherry Belle	.45	1.35	1.20	1.05
Cincinnati Market	.40	1.15	1.00	.85
Crimson Giant Forcing	.35	1.10	.95	.80
Early Scarlet Globe (Medium top)	.35	1.10	.95	.80
Early Scarlet Globe (Short top)	.35	1.10	.95	.80
Improved French Breakfast	.40	1.15	1.00	.85
Red Prince	.40	1.15	1.00	.85
Sparkler, Scarlet Turnip White Tip	.35	1.10	.95	.80
White Icicle	.35	1.10	.95	.80
White Strassburg	.45	1.40	1.25	1.10

Winter Varieties

California Mammoth White	$0.45	$1.40	$1.25	—
Chinese Mammoth or Celestial	.45	1.40	1.25	—
Long Black Spanish	.45	1.40	1.25	—
Rose or Scarlet China Winter	.45	1.40	1.25	—
Round Black Spanish	.45	1.40	1.25	—

RHUBARB

One ounce will produce 500 plants. About 5000 plants are required per acre, if planted 30 inches apart in rows 4 foot apart.

	Oz.	¼ lb.	1 lb.
Mammoth	$0.65	$1.90	$5.75
Victoria	.65	1.90	5.75

ROCKET

One ounce will seed 100 foot of row. Seldom grown in acres.

	Oz.	¼ lb.	1 lb.
Ruccoli	$0.40	$1.20	$3.60

SALSIFY

One ounce will seed 100 foot of row. 10-12 lbs. per acre if planted in 20 inch rows.

	½ oz.	Oz.	¼ lb.	1 lb.
Mammoth Sandwich Island	$0.40	$0.65	$1.90	$5.75

SORREL

One ounce sows 150 foot of row, 2-3 lbs. for an acre.

	½ oz.	Oz.	¼ lb.	1 lb.
Broad Leaved	$0.30	$0.50	$1.50	$4.50
Narrow Leaved	.30	.50	1.50	4.50

SWISS CHARD

See complete listing under beets.

SPINACH

Sow early or late as it does not do well when daylength is long. Plant 12-20 lbs. of seed per acre in rows 12-18 inches apart.

	¼ lb.	1 lb.	5 lbs. per lb.
Hybrid No. 7	$0.50	$1.45	$1.30
America	.30	.75	.60
Badger Savoy	.30	.75	.60
Bloomsdale Long Standing	.30	.75	.60
Dixie Market	.30	.80	.65
King of Denmark	.30	.75	.60
New Zealand	.30	.90	.75
Old Dominion	.30	.75	.60
Viking (Giant Nobel)	.30	.75	.60
Virginia, Blight-Resistant	.30	.75	.60

SQUASH

One ounce of seed will plant 25 hills. 5-6 lbs. will plant one acre in hills with rows 8 foot apart and hills 4 foot apart in the row.

HYBRID VARIETIES

Blackini. A very attractive Black Zucchini type squash. This true F-1 hybrid yields earlier, is more productive, and has a wider range of adaptability than the open-pollinated Black Zucchini. The plants are compact and very vigorous. oz., **85c;** ¼ lb., **$2.50;** lb., **$7.50.**

Greyzini. (All America Bronze Medal 1962). A very productive Grey Zucchini bush type F-1 hybrid. The fruits are more slender, slightly longer, are produced a week earlier and remain bearing several weeks longer than Grey Zucchini. oz., **$1.00;** ¼ lb., **$3.00;** lb., **$9.00.**

SQUASH —Continued

Saticoy Hybrid. A golden yellow Crookneck type with fruits nearly smooth and free of warts. Bushes are quite compact allowing closer planting and fruits are ready 5 to 7 days earlier than Yellow Summer Crookneck. Very productive. oz., **85c;** ¼ lb., **$2.50;** lb., **$7.50.**

Standard Varieties

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Banana (Blue)	$0.30	$0.75	$2.20	$2.00
Buttercup	.45	1.35	4.00	3.80
Butternut	.45	1.35	4.00	3.80
Caserta	.30	.85	2.50	2.30
Cocozelle	.30	.65	1.95	1.75
Crookneck Yellow Summer	.30	.55	1.75	1.55
Des Moines Jumbo, Royal Acorn	.30	.65	1.90	1.70
Des Moines Table Queen, Acorn	.30	.65	1.90	1.70
Hercules	.90	2.00	6.00	5.50
Hubbard Blue Special	.35	1.00	3.00	2.80
Hubbard Chicago Warted	.30	.80	2.35	2.00
Hubbard, Golden	.30	.80	2.35	2.00
Hubbard Improved	.30	.80	2.35	2.00
Straightneck, Early Prolific	.30	.60	1.75	1.55
Warren Turban	.35	1.15	3.50	3.30
White Bush Scallop Mammoth	.30	.65	1.90	1.70
Zucca Pergola	.65	2.00	6.00	5.50
Zucchini-Black Vegetable Marrow	.30	.65	1.90	1.70
Zucchini-Gray Vegetable Marrow	.30	.65	1.90	1.70
Zucchini-Black Beauty	.30	.90	2.60	2.40

TOBACCO

An ounce of seed will produce 20,000 plants. About ½ lb. will produce enough plants for one acre.

	½ oz.	Oz.	¼ lb.	1 lb.
Connecticut Seed Leaf	$0.50	$0.85	$2.50	$7.50
White Burley	.60	1.10	3.35	10.00

RUTABAGA OR SWEDE

Seed requirements same as for Turnip. Should be blocked and thinned 12 inches apart in the row.

	¼ lb.	1 lb.	5 lbs. per lb.
Laurentian	$0.35	$1.05	$0.90
American Purple Top Improved	.35	1.05	.90

TURNIP

For bunching 1-1½ lbs. of seed are planted per acre in rows 18 inches apart. Broadcast 2-2½ lbs. per acre. One ounce will plant 250 foot of row.

Hybrid Variety

	Oz.	¼ lb.	1 lb.	5 lbs per lb.
Just Right	$0.60	$1.85	$5.50	$5.00

Standard Varieties

	¼ lb.	1 lb.	5 lbs. per lb.
Amber or Yellow Globe	$0.35	$1.00	$0.85
Early Extra Purple Top Milan	.35	1.05	.90
Early White Milan. Earliest of all	.35	1.05	.90
Cowhorn	.35	1.00	.85
Purple Top Strap Leaf	.35	1.05	.90
Purple Top White Globe	.35	1.00	.85
Seven Top	.35	1.00	.85
Shogoin or Foliage Turnip	.35	1.00	.85
Snowball	.35	1.05	.90

WATERMELON

One ounce of seed will plant 25 hills. 2-3 lbs. of seed is required to plant an acre in hills in rows 6 foot apart and 4 foot apart in the rows.

Hybrid Varieties

	1/16 oz.	⅛ oz.	¼ oz.	½ oz.	Oz.
Dixie Queen Hybrid	—	$0.85	$1.50	$2.75	$5.00
Tri-X-317 Seedless	2.50	4.75	9.25	18.00	35.00

Standard Varieties

	Oz.	¼ lb.	1 lb.	5 lbs. per lb
Black Lee Resistant	$0.30	$0.75	$2.15	$2.00
Charleston Gray	.30	.80	2.40	2.25
Citron	.30	.85	2.50	2.35
Cole's Early or Harris Early	.30	.75	2.25	2.10
Congo	.30	.75	2.25	2.10
Dixie Queen	.30	.85	2.55	2.40
Florida Giant (Black Diamond)	.30	.75	2.25	2.10
Golden Honey	.30	.80	2.40	2.25
Icebox	.30	.75	2.25	2.10
Kleckley's Sweet No. 6	.30	.75	2.25	2.10
New Hampshire Midget	.30	.85	2.50	2.35
Rhode Island Red	.30	.85	2.50	2.35
Stone-Mountain Resistant No. 5	.30	.65	2.00	1.85
Sugar Baby	.30	.85	2.50	2.35
Sweetheart	.30	.75	2.25	2.10
Tom Watson	.30	.60	1.80	1.65
Winter. King and Queen	.30	.65	2.00	1.85

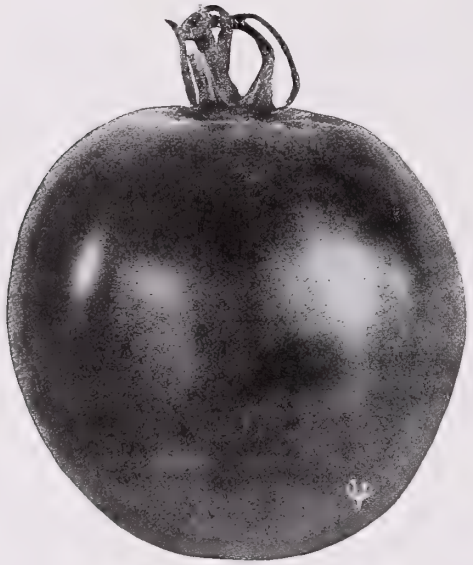
Vaughan's Exceptionally Fine Selection

GREENHOUSE FORCING VARIETIES

Tuckcross O. The largest red fruited variety we've seen suitable for forcing. Fruits set well under adverse conditions. Plants are very productive and quite disease resistant. 1/16 oz., **$3.00;** 1/8 oz., **$5.50;** 1/4 oz., **$9.50;** 1/2 oz., **$18.50;** oz., **$35.00.**

Tuckcross W. A very productive red fruited variety used because it is relatively free from cracking, blotchy-ripening and catfacing. Sets well under adverse conditions. 1/16 oz., **$3.00;** 1/8 oz., **$5.50;** 1/4 oz., **$9.50;** 1/2 oz., **$18.50;** oz., **$35.00.**

M-O Hybrid. All reports indicate that this cross between Michigan State forcing and Ohio WR-3 is one of the surest croppers for forcing. It's worth a try. 1/16 oz., **$3.00;** 1/8 oz., **$5.50;** 1/4 oz., **$9.50;** 1/2 oz., **$18.50;** oz., **$35.00.**



TOMATO MICHIGAN STATE FORCING

Michigan State Forcing. A red fruited disease resistant strain that performs exceptionally well in cloudy weather. Fruits are about 5 ounces and maintain size well throughout the season. 1/8 oz., **$1.50;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$8.50.**

Waltham Forcing. A red fruited variety suitable for fall or spring forcing. Selected because it maintains fruit size well past the 4th hand. 1/8 oz., **85c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.75;** oz., **$5.00.**

Ohio WR-3. A pink fruited very smooth flattened globe variety developed by Ohio State Experiment Station for spring forcing. Fruit size excellent and disease resistance good. 1/8 oz., **$1.50;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$8.50.**

Ohio WR-7. A very smooth fruited flattened globe variety developed by Ohio State Experiment Station for fall forcing. 1/8 oz., **$1.50;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$8.50.**

Approximately 9000 seeds per ounce. Sow seed 6-8 weeks before offering plants for sale or planting in the field. Transplant 14-21 days after seeding.

Hybrid tomato plants grown and sold in peat pots are very profitable. Selling any variety of tomato plants in peat pots leads to your customers satisfaction. Roots grow right through the walls; and, unless completely dried out before your customer plants pot and all, they start growing as though they'd never been transplanted.

HYBRID TOMATOES

Instant Glamour

Early Giant Hybrid. 68 days. See page 59 for color picture. This is by far the earliest of any variety with giant sized fruits (up to 12 ounces per fruit). Smooth slightly flattened globe shaped scarlet fruits. Vines strong and very prolific, 1/16 oz., **$2.50;** 1/8 oz., **$4.50;** 1/4 oz., **$8.50;** 1/2 oz., **$16.00;** oz., **$30.00;** 1/4 lb., **$90.00.**

Vaughan's Hybrid. 80 days. A midseason red fruited variety. Very productive. Fruits somewhat flattened, smooth with excellent flavor. Considered to be an excellent hybrid of Rutgers type. 1/8 oz., **$1.65;** 1/4 oz., **$3.00;** 1/2 oz., **$5.50;** oz., **$10.00;** 1/4 lb., **$30.00.**

Super Collosal. 85 days. The largest fruited variety in our trials for the past two years. The fruits are flat somewhat rough but larger and smoother than Beefsteak and red. Ripens in season with Burpees Big Boy but larger fruits. 1/16 oz., **$2.50;** 1/8 oz., **$4.50;** 1/4 oz., **$8.50;** 1/2 oz., **$16.00;** oz., **$30.00;** 1/4 lb., **$90.00.**

Vaughan's Early Hybrid. 68 days. A very fine early hybrid tomato adapted to either market or home gardening. Fruits are large (6-7 ounces) bright red and borne in great numbers. The variety shows all the true vigor of a true F-1 hybrid. 1/8 oz., **$1.65;** 1/4 oz., **$3.00;** 1/2 oz., **$5.50;** oz., **$10.00;** 1/4 lb., **$30.00.**

Instant Glamour

Burpees Big Boy.® 85 days. Another hybrid with large (up to 12 ounces) smooth bright red fruits. Plants very vigorous and covered with heavy foliage. At least 10 days to 2 weeks later than Early Giant. 1/16 oz., **$2.50;** 1/8 oz., **$4.50;** 1/4 oz., **$8.50;** 1/2 oz., **$16.00;** oz., **$30.00;** 1/4 lb., **$98.00.**

Wonder Boy. 80 days. Large 12 oz. fruits almost globe shaped are borne on very vigorous vines and are well protected by heavy foliage. As a late variety bearing smooth excellent flavored scarlet red fruits it's hard to beat. 1/16 oz., **$2.50;** 1/8 oz., **$4.50;** 1/4 oz., **$8.50;** 1/2 oz., **$16.00;** oz., **$30.00;** 1/4 lb., **$90.00.**

Vaughan's Extra Early Hybrid. 58 days. The earliest of any variety bearing large fruits—In fact its a week earlier than the earliest of the standard varieties we've grown in our trial grounds. Vines medium strong—fruits smooth slightly flattened globes with excellent flavor. 1/16 oz., **$2.50;** 1/8 oz., **$4.50;** 1/4 oz., **$8.50;** 1/2 oz., **$16.00;** oz., **$30.00;** 1/4 lb., **$90.00.**

NOVELTY VARIETIES

Instant Glamour

Tiny Tim. 45 days. Plants not over 12 inches (usually 8-10) tall or 12 inches in diameter. Fruits about 1 inch round, bright red and very colorful on the vines. Decorative and very flavorful. 1/4 oz., **95c;** 1/2 oz., **$1.75;** oz., **$3.35;** 1/4 lb., **$10.00;** lb., **$30.00.**

Caro-Red. 85 days. Developed by Purdue University for extremely high Vitamin A content. Fruits yellow, a little mealy but with lots of vitamin A. 1/2 oz., **$1.00;** oz., **$1.85;** 1/4 lb., **$5.50;** 1 lb., **$16.50.**

Jubilee Golden. 80 days. The yellow skinned fruits are large smooth globes, borne on vigorous vines which can be staked and pruned. 1/2 oz., **65c;** oz., **$1.20;** 1/4 lb., **$3.60;** 1 lb., **$10.75.**

Ponderosa Yellow. 95 days. Same as regular, only color yellow. 1/2 oz., **85c;** oz., **$1.55;** 1/4 lb., **$4.60;** 1 lb., **$13.75.**

Italian Canner. A thick meated 2 celled red variety; fruits about 2-2 1/2 inches long and 1 inch in diameter. Excellent for tomato paste or green pickling. 1/2 oz., **90c;** oz., **$1.70;** 1/4 lb., **$5.00;** lb., **$15.00.**

White Beauty. Purely a novelty—fruits shaped like Rutgers only white interior and exterior when ripe. 1/2 oz., **90c;** oz., **$1.70;** 1/4 lb., **$5.00;** lb., **$15.00.**

Small Fruited Varieties. All 70 days. Available are **Red** and **Yellow Cherry, Red** and **Yellow Plum, Red** and **Yellow Pear, Yellow Peach** and Ground **Cherry.** All priced as follows: 1/4 oz., **45c;** 1/2 oz., **80c;** oz., **$1.45;** 1/4 lb., **$4.40.**

TOMATO TINY TIM

Of Tomatoes For All Purposes

STANDARD VARIETIES

Bonny Best, John Baer. 70 days. A second early variety, with flattened globe shaped fruits. Vines are medium size. Used for home and market gardening. ½ oz., **55c;** oz., **95c;** ¼ lb., **$2.90;** 1 lb., **$8.75.**

Bounty, Victor. 65 days. Plants small size, very prolific. Fruits medium large, round to globe shape, pale green in the early stage turning to a very rich red throughout, coloring well on the inside. An excellent home garden type. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.25;** 1 lb., **$9.75.**

Break O'Day. 70 days. Open, spreading growth, prolific, fruit red, medium size, globe shaped, smooth. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

Crimson Cushion (Beefsteak) (Red Ponderosa). 96 days. A red fruited Ponderosa type. Fruits large, flat, roughened, with small seed cavities. ½ oz., **70c;** oz., **$1.30;** ¼ lb., **$3.85;** 1 lb., **$11.50.**

Dwarf Stone. 92 days. Tree form, short compact, fruit red, medium large flat, bright color, solid. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

Earliana. 66 days. Plant open spreading, finely cut leaves, fruit red flattened, medium size, fairly smooth, the first early general purpose tomato. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

★**Fireball.** 60 days. A small vined extra early variety with very little foliage so it should be planted about 12-14 inches apart in 3-foot rows. Fruits globe shaped medium sized (5 ounces), red. ½ oz., **$1.00,** oz., **$1.90;** ¼ lb., **$5.75;** 1 lb., **$17.25.**

Firesteel. 68 days. Medium small vine, adapted to drouth conditions and sure cropper, fruit red, medium size, medium green turning to deep red, smooth and free from cracks. ½ oz., **70c;** oz., **$1.20;** ¼ lb., **$3.60,** 1 lb., **$10.75.**

Garden State. 83 days. Very prolific, bearing deep scarlet red fruit that are extra smooth and solid. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

Giant Tree. 88 days. This almost should be classed as a novelty. Actually a very fine selection of Italian Potato Leaved. Vines very strong thick stemmed and vigorous. Fruits large (up to 16 ounces) fairly smooth, pink, low in acid. ¼ oz., **$1.10;** ½ oz., **$2.10;** oz., **$4.00;** ¼ lb., **$12.00;** lb., **$35.00.**

★**Glamour.** 80 days. Crack resistance is the outstanding characteristic of this variety. Fruits are almost globe shaped, red when fully ripe, but ripen slowly. ½ oz., **70c;** oz., **$1.30;** ¼ lb., **$3.85;** 1 lb., **$11.50.**

Homestead #24. 85 days. A very productive variety with thick walled firm fruits excellent for both green wrap and vine ripe shipping. Fruit size about like Rutgers and holds well all season. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.25;** 1 lb., **$9.75.**

Hystep F-2. 60 days. The best second generation hybrid we've had in our trials. Crack resistant, early, productive. Vines small but enough leaf cover to protect fruits from sunscald. ¼ oz., **80c;** ½ oz., **$1.45;** oz., **$2.80;** ¼ lb., **$8.40;** lb., **$25.00.**

Manalee. 77 days. An early red disease resistant red from Gulf Coast Experiment Station. ½ oz., **55c;** oz., **95c;** ¼ lb., **$2.90;** 1 lb., **$8.75.**

Manalucie. 82 days. A fine disease resistant variety bred by Dr. James M. Walter and David G. A. Kelbert of the Gulf Coast Experiment Station in Bradenton, Florida. Manalucie is resistant to early blight, blossom-end rot, cracking, wilt and other diseases. ½ oz., **65c;** oz., **$1.20;** ¼ lb., **$3.60;** 1 lb., **$10.75.**

★**Marglobe.** 77 days. Plant vigorous, heavy foliage, resistant to blight, fruit red, medium large semi-globe, smooth, solid. ½ oz., **55c;** oz., **95c;** ¼ lb., **$2.90;** 1 lb., **$8.75.**

Oxheart. 90 days. Heavy coarse plant, with large fruits heart shape, pink, solid with few seeds. ½ oz., **$1.00;** oz., **$1.85;** ¼ lb., **$5.50;** 1 lb., **$16.50.**

★**Pink Shipper.** 77 days. The best we've seen in the June Pink, Gulf State Market class. It still cracks easily but not as bad as others. ½ oz., **70c;** oz., **$1.30;** ¼ lb., **$3.85;** 1 lb., **$11.50.**

Ponderosa Pink. 95 days. Large flat, roughened, small seed cells. ½ oz., **75c;** oz., **$1.35;** ¼ lb., **$4.00;** 1 lb., **$12.00.**

Pritchard (Scarlet Topper). 76 days. Self topping, resistant to fusarium and nail head, fruit red with thick walls semi-globe. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

Queens. 79 days. The result of a cross between Valiant and Rutgers. Fruits are smooth and of deep globe shape. The peak of the crop is harvested about a week earlier than Rutgers. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.25;** 1 lb., **$9.75.**

Richmeat. 90 days. A large fruited Henderson variety with extremely vigorous vine growth. Flesh a little mealy and non-acid but heavily loaded with vitamins. ¼ oz., **80c;** ½ oz., **$1.45;** oz., **$2.80;** ¼ lb., **$8.40;** 1 lb., **$25.00.**

TOMATO RUTGERS

★**Rutgers.** 85 days. Probably the most popular of all the standard open pollinated varieties of tomato. Plants are large with thick strong stems. Fruits red, slightly flattened globe shaped, with thick walls and excellent interior color. ½oz., **55c;** oz., **95c;** ¼ lb., **$2.90;** lb., **$8.75.**

Sioux. 70 days. Uniform Red. Early maturing plants determinate. Fruits Scarlet Medium large flattened globe with thick sidewalls. ½ oz., **60C;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

Stokesdale. 73 days. Medium size vine but prolific, fruit red, globe shape, good walls, good canner type. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

Stone Improved. 85 days. Plants are large and the fruit a deep scarlet red. ½ oz., **60c;** oz., **$1.05;** ¼ lb., **$3.15;** 1 lb., **$9.50.**

Valiant. 70 days. A deep Marglobe type of tomato, having large, smooth, red fruits, with few seeds and firm solid flesh. Excellent for home or market garden. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

Winsall. 90 days. A Henderson selection of Ponderosa Pink. Earlier and with much smoother pink fruits. We think the flavor is better. ¼ oz., **80c;** ½ oz., **$1.45;** oz., **$2.80;** ¼ lb., **$8.40;** 1 lb., **$25.00.**

Wiltmaster. 86 days. A new variety with great resistance to wilt bred by the Delaware Exp. Sta. The fruit are similar in type to Rutgers. ½ oz., **75c;** oz., **$1.40;** ¼ lb., **$4.10;** 1 lb., **$12.50.**

Wisconsin No. 55. 83 days. It is larger and earlier than Rutgers with no shoulder cracks and practically no blossom end rot. Ripens evenly and stands shipping very well. ½ oz., **65c;** oz., **$1.20;** ¼ lb., **$3.60;** 1 lb., **$10.75.**

Beans • Sweet Corn • Peas

Vaughan's pride themselves on offering one of the most complete listings of beans, peas and corn. Prices quoted below are prepaid. Write for net quantity prices F.O.B. either western growing stations or eastern warehouses.

BEANS

One pound seeds 150 foot of row. 60-75 pounds per acre. Distance between rows should be 24 to 28 in., while in the row they may be as close as 4 to 6 in. Planting should not be made till the ground has warmed and all danger of frost is over. Pole beans are seeded at ½ lb., for 150 foot of row and 35 lbs. per acre.

Green Pod Bush Varieties

	1 lb.	5 lbs. per lb.	25 lbs. per lb.	100 lbs. per lb.
Black Valentine Stringless	$0.65	$0.55	$0.45	$0.32
Bountiful Stringless	.65	.55	.45	.32
Commodore	.80	.70	.60	.50
Contender	.65	.55	.45	.32
Dwarf Horticultural	.75	.65	.55	.45
Executive	1.00	.90	.80	.70
French Horticultural	.80	.70	.60	.50
Green Crop Italian Bean	.90	.80	.70	.60
Harvester	.70	.60	.50	.40
Landreths Stringless	.60	.50	.40	.30
Tendercrop	.80	.70	.60	.50
Tendergreen	.65	.55	.45	.35
Topcrop	.65	.55	.45	.32
Wade	.75	.65	.55	.42
White ½ Runner	.65	.55	.45	.35

Wax Pod Bush Varieties

Cherokee Wax	$0.65	$0.55	$0.45	$0.33
Golden Wax (Top Notch)	.75	.65	.55	.42
Kinghorn Wax	.75	.65	.55	.42
Pencil Pod Black Wax	.65	.55	.45	.35

Lima

Burpee's Improved Bush Lima	.75	.65	.55	.42
Fordhook 242	.70	.60	.50	.37
Fordhook Bush Lima	.70	.60	.50	.37
Henderson Baby Lima	.60	.50	.40	.28
Jackson Wonder	.60	.50	.40	.28

Pole Lima

King of the Garden	$0.70	$0.60	$0.50	$0.40
Large Speckled (Xmas)	.70	.60	.50	.40

Field Beans

	1 lb.	5 lbs. per lb.	25 lbs. per lb.	100 lbs. per lb.
Broad Windsor Long Pod	$0.70	$0.60	$0.50	$0.37
Great Northern	.60	.50	.40	.30
Michigan Navy, Michelite	.65	.55	.45	.35
Red Kidney	.75	.65	.55	.42

Pole Beans

Kentucky Wonder or Old Homestead	$0.65	$0.55	$0.45	$0.35
Kentucky Wonder Wax	.90	.80	.70	.57
Kentucky Wonder White Seed	.70	.60	.50	.40
London Horticultural (Cranberry)	.70	.60	.50	.40
Missouri Wonder	.70	.60	.50	.40
Scarlet Runner	.80	.70	.60	.50

Edible Soybean

Bansei	$0.70	$0.60	$0.50	$0.40

SWEET CORN

Plant 10-12 lbs. per acre in rows 30-36 inches apart. Wait until the ground warms up for planting. 3-4 ounces will plant 100 foot of row.

	1 lb.	5 lbs. per lb.	25 lbs. per lb.	100 lbs. per lb.
Aunt Mary's (83 days)	$1.05	$0.95	$0.85	$0.75
Bantam Evergreen (90 days)	.65	.55	.45	.36
Black Mexican (85 days)	.70	.60	.50	.40
Country Gentleman (95 days)	.65	.55	.45	.35
Early Evergreen (90 days)	.65	.55	.45	.35
Extra Early Bantam 8 Row (80 days)	.65	.55	.45	.35
Golden Bantam 8 Row (83 days)	.65	.55	.45	.35
Golden Bantam 12 Row (85 days)	.65	.55	.45	.35
Golden 60 Day (68 days)	.65	.55	.45	.35
Golden Midget (45 days)	.75	.65	.55	.43
Stowell's Evergreen (95 days)	.65	.55	.45	.35

Hybrid Varieties

Bouquet (75 days)	$1.00	$0.90	$0.80	$0.70
Carmelcross Improved (75 days)	.80	.70	.60	.50
Country Gentleman Hybrid (99 days)	1.10	1.00	.90	.80
Golden Beauty (70 days)	.85	.75	.65	.55
Golden Cross Bantam (79 days)	.80	.70	.60	.46

Hybrid Varieties—Continued

	1 lb.	5 lbs. per lb.	25 lbs. per lb.	100 lbs. per lb.
Ioana (81 days)	.75	.65	.55	.45
Iochief (83 days)	.85	.75	.65	.55
Marcross 39 (68 days)	.80	.70	.60	.49
Miniature (68 days)	.90	.80	.70	.57
Our Choice (68 days)	.80	.70	.60	.50
Stowells Hybrid (95 days)	.90	.80	.70	.58
Sunglow (65 days)	1.20	1.10	1.00	.90
Supersweet	5.00	4.75	4.50	4.25
Surprise (64 days)	.80	.70	.60	.50

POP CORN

Pop corn seed is planted at about the same distance as sweet corn but because the seeds are smaller only 7-8 lbs. is required per acre.

	1 lb.	5 lbs. per lb.	25 lbs. per lb.	100 lbs. per lb.
Jap Hulless	$0.65	$0.55	$0.45	$0.32
Illinois Hulless	.70	.60	.50	.40
Minnhybrid 250	1.05	.95	.85	.72
Purdue Hybrid 31	.90	.80	.70	.60
South American	.65	.55	.45	.32

PEAS

They require cool weather to do their best. One lb. will seed 100 foot of row. 100-120 lbs. will seed an acre.

Standard Varieties

	1 lb.	5 lbs. per lb.	25 lbs. per lb.	100 lbs. per lb.
Alaska	$0.55	$0.40	$0.30	$0.20
Alderman (Improved Telephone)	.60	.50	.40	.30
American Wonder	.60	.50	.40	.29
Dwarf Gray Sugar	.60	.50	.40	.29
Dwarf Telephone	.60	.50	.40	.30
Giant Stride	.60	.50	.40	.30
Laxton's Progress (Hundredfold, Laxtonian)	.60	.50	.40	.29
Laxton's Superb	.60	.50	.40	.29
Little Marvel	.60	.50	.40	.29
Nott's Excelsior (Premium Gem)	.60	.50	.40	.29
Thomas Laxton	.55	.45	.35	.25
Wando (Heat resistant)	.60	.50	.40	.29

Field Varieties

California Blackeye	$0.60	$0.50	$0.40	$0.29

NOW! Master Blend® Merion Formula

THE TOPS OF ALL LAWN GRASS MIXTURES

The popularity of Master Blend® Lawns in the northern part of America has reached an all-time high. Homeowners and turf experts alike attest to its all-around superiority. And here's why they swear by it:

Using over 50% Merion Blue Grass as a base, Vaughan's has developed a mixture which germinates quickly, maintains an excellent color all year round and grows in sun, or light shade and in any soil: rich, sandy or clay. Vaughan's has done this by blending the best of the latest grasses developed by turf breeders:

Delta Kentucky Blue Grass discovered in Canada. Adds quick germination to Master Blend.

Pennlawn Red Fescue, a variety ideal for shade, quick germination and sandy soil.

Newport Kentucky Blue Grass germinates quickly, blends well with Merion and maintains excellent fall color.

This blend formulated by Vaughan's, the introducers of Merion, is designed to make it possible for the average homeowner to grow America's finest lawn with ease. All of Vaughan's tests have shown that this new blend produces a lawn faster, with less work and with more complete satisfaction than was possible with Merion alone. This conclusion has been reinforced by leading universities.

That's why Vaughan's unhesitatingly recommend Master Blend Merion Formula for your customers. Considering the work, cost of other materials and time involved in making a new lawn or re-seeding, the greatest economy a homeowner can make is to use the best seed available. All-perennial Master Blend® fills this bill. Unlike cheap mixtures which never really look right and which need re-seeding each year, this blend improves in appearance each year, adding beauty and value to the home.

And, amazingly, one pound of Master Blend® covering about 750 sq. ft. goes as far as 2 to 3 lbs. of the best Kentucky blue grass. So there is actually an initial saving, too.

MASTER BLEND® MERION FORMULA

Contains over 1,250,000 seeds of pure Merion strain of Kentucky Blue Grass plus Pennlawn Creeping Red Fescue, Delta Ky. Blue Grass and Newport Ky. Blue Grass. Our seed does not contain any Poa Annua or Bent.

	Retail	Packed	Cost
1 lb. ctns.	$ 1.89	Case 25/1 lb.	**$28.75**
3 lb. ctns.	5.55	Case 16/3 lb.	**53.76**
5 lb. ctns.	9.00	Case 10/5 lb.	**55.00**
10 lb. bag	17.50	Bale 2/10 lb.	**21.60**
25 lb. bag	42.50	Bag 1/25 lb.	**26.75**
50 lb. bag	82.50	Bag 1/50 lb.	**53.00**
100 lb. bag	160.00	Bag 1/100 lb.	**105.00**

BROKEN CASES 2c per lb. higher

Produces thicker turf, stays greener all summer and stands closest mowing. 1 lb. covers 750 sq. ft., 3 times as much as standard blue grass mixtures, thus being no more expensive to sow an equal area.

MERION STRAIGHT
(Free of Poa Annua and Bent)

	Retail	Packed	Cost
1 lb. ctns.	$ 1.89	Case 25/1 lb.	**$30.00**
3 lb. ctns.	5.55	Case 16/3 lb.	**55.20**
5 lb. ctns.	9.00	Case 10/5 lb.	**56.00**
10 lb. bag	17.50	Bale 2/10 lb.	**22.00**
25 lb. bag	42.50	Bag 1/25 lb.	**26.75**
50 lb. bag	82.50	Bag 1/50 lb.	**52.50**
100 lb. bag	160.00	Bags 2/50 lb.	**105.00**

BROKEN CASES 2c per lb. higher

Ask for quotations on grasses not listed

Due to unsettled conditions at the time this goes to press, prices are only approximate and subject to change. Ask for quotations on grasses not listed.

SPECIAL LAWN MIXTURES

If interested in cheaper mixtures or formulas other than we list let us know and we will be glad to quote.

VAUGHAN'S SUNNY BLEND (Formerly Parks)

	Retail	Packed	Cost
1 lb. ctns.	$ 1.40	Case 25/1 lb.	**$21.00**
3 lb. ctns.	4.05	Case 16/3 lb.	**38.88**
5 lb. ctns.	6.50	Case 10/5 lb.	**39.50**
10 lb. bag	12.50	Bale 2/10 lb.	**15.40**
25 lb. bag	30.00	Bag 1/25 lb.	**19.00**
50 lb. bag	57.50	Bag 1/50 lb.	**37.50**
100 lb. bag	110.00	Bag 1/100 lb.	**74.00**

VAUGHAN'S SAND & SHADE BLEND (Formerly Columbian)

Especially Adapted for Medium Shade and Sandy Soils

	Retail	Packed	Cost
1 lb. ctns.	$ 1.25	Case 25/1 lb.	**$18.75**
3 lb. ctns.	3.60	Case 16/3 lb.	**34.56**
5 lb. ctns.	5.75	Case 10/5 lb.	**35.00**
10 lb. bag	11.00	Bale 2/10 lb.	**13.60**
25 lb. bag	26.25	Bag 1/25 lb.	**16.75**
50 lb. bag	50.00	Bag 1/50 lb.	**33.00**
100 lb. bag	95.00	Bag 1/100 lb.	**65.00**

VAUGHAN'S DENSE SHADE FORMULA

Composed of grasses most suited for growing in heavily shaded situations. Is also satisfactory in moderate shade. This is an exceptionally fine shade mixture and now includes the splended new creeping red fescue. Grass grown in the shade requires extra care. Ask for Lawn Grass pamphlet for directions.

PRICE SAME AS SAND & SHADE

BROKEN CASES 2c per lb. higher

VAUGHAN'S VALU-BLEND LAWN MIXTURE
A Good Mixture for Quick Results

	Retail	Packed	Cost
1 lb. ctns.	$ .85	Case 25/1 lb.	**$12.75**
3 lb. ctns.	2.40	Case 16/3 lb.	**23.04**
5 lb. ctns.	3.75	Case 10/5 lb.	**23.00**
10 lb. bag	7.00	Bale 2/10 lb.	**8.80**
25 lb. bag	16.25	Bag 1/25 lb.	**10.75**
50 lb. bag	30.00	Bag 1/50 lb.	**21.00**
100 lb. bag	55.00	Bag 1/100 lb.	**41.00**

BROKEN CASES 2c per lb. higher

FANCY GRASSES

Orders Booked at the Lowest Price on Day Received

We carry a full line of native imported grass seeds and would be pleased to have your inquiries. We can quote to advantage. We buy direct from growers.

		PRICE BAGS 1—5	PRICE BAGS 5—10
KENTUCKY BLUE GRASS			
Standard 19#	80/75	**$42.00**	**$41.00**
Fancy 21#	85/75	**44.00**	**43.00**
Extra Fancy 24#	90/75	**46.00**	**45.00**
Refined (Western Grown)	98/80	**50.00**	**49.00**
DELTA KENTUCKY BLUEGRASS	98/80	**53.00**	**52.00**
NEWPORT KENTUCKY BLUEGRASS	98/80	**53.00**	**52.00**
PARK KENTUCKY BLUEGRASS	98/80	**60.00**	**59.00**
MERION KENTUCKY BLUEGRASS DOM.	92/80	**105.00**	**103.00**
IMPORTED MERION	92/75	**95.00**	**93.00**
RED TOP FANCY	92/85	**55.00**	**54.00**
RED TOP EXTRA FANCY	95/85	**57.00**	**56.00**
RED TOP REFINED	98/85	**59.00**	**58.00**
PERENNIAL RYE GRASS (Eng.)	98/90	**12.00**	**11.50**
ANNUAL ITALIAN RYEGRASS	98/90	**11.00**	**10.50**
ASTORIA BENT GRASS			**175.00**
SEASIDE BENT GRASS			**175.00**
HIGHLAND BENT GRASS		**44.00**	**43.00**
CREEPING RED FESCUE CANADIAN		**43.00**	**42.00**
CREEPING RED FESCUE DOMESTIC		**45.00**	**44.00**
ILLAHEE RED FESCUE		**53.00**	**52.00**
PENNLAWN RED FESCUE		**53.00**	**52.00**
ALTA TALL FESCUE or K-31		**33.00**	**32.00**
CHEWINGS FESCUE		**44.00**	**43.00**
POA TRIVIALIS		**36.00**	**35.00**
WHITE CLOVER		**55.00**	**54.00**
TIMOTHY			**35.00**
PENNCROSS BENT GRASS			**350.00**
WILD BIRD		**8.00**	**7.50**
LARGE SUNFLOWER		**19.00**	**18.00**
SMALL BLACK SUNFLOWER		**13.00**	**12.50**

Fescues, Ryegrasses & Redtop 75c per 100 higher when shipped from Bound Brook, N. J.

WE DELIVER OR PREPAY orders for Grass Seed, Supplies, and VAUGHAN'S BRANDS of Fertilizers amounting to $45.00 or more, within 30 miles of our nearest warehouse.

WE DELIVER OR PREPAY Grass Seed, Bulk Vegetable Seed, Supplies and VAUGHAN'S Brand of Fertilizers amounting to $100.00 or more within 100 miles of our nearest warehouse, and to further points at the rate of $1.00's worth of merchandise per mile.

As an example: We will prepay $150.00 worth of merchandise to 150 miles, $200.00 worth of merchandise to 200 miles, and at $1.00 worth of merchandise per mile up to $500.00 worth of merchandise to 500 miles.

You'll Make More Sales and Profits With Vaughan's Instant Glamour Roses!

Greatest Rose Values Today! Now you can beat competition—sell roses that meet Jumbo Grade specifications at Grade #1 prices (only difference: canes pruned shorter for shipping).

Exceptional Quality—Grown in America's best rose area, Arizona, Vaughan's roses have the heaviest, straightest, greenest, shapeliest canes. They are disease and insect-free and hardy anywhere from Mexico to Canada.

Fastest Turnover—These roses—actually growing—are terrific "Impulse Sale" items.

Easiest to Plant—Just drop 'em in a hole, instant planter-container and all, and watch these roses grow! Just display them and watch these roses go!

Best Profits! Full 40% from beginning of season to end. No late-season mark downs, no dead-bush inventory losses.

Make Dazzling Displays—Pre-planted and growing in attractive, colorful containers with full-color pictures of varieties, Vaughan's "Instant Glamour" Roses catch every eye.

Longest Shelf Life—Sprouting adds to the sales appeal of these roses instead of sapping their strength. The longer they're on display, the better they look. Stimulant in soil mixture lasts through first bloom.

Potted in Plantable Containers

Customers just snap out plastic top and bottom, place the rose, still in the container, in a hole. Roots grow out bottom, container disintegrates in soil. Complete planting instructions are on every label.

Customer Satisfaction Guaranteed—Instant Glamour Roses are growing already so there's no worry about survival. Planting them, container and all, prevents transplant shock.

Priced to Sell Our suggested retail is only 25c per plant more than for patented packaged roses. For example we suggest a retail price of $3.25 for Arlene Francis, $2.75 for New Yorker and $1.79 for all non-patented varieties. You are allowed a full 40% discount from these suggested retail prices.

Packing—There are 12 Instant Glamour Roses in each carton. Minimum shipment is 5 cartons.

Shipping—Freight prepayment or allowance is made on orders for Instant Glamour Roses amounting to $100.00 or more within 100 miles of our nearest warehouse and to further points at the rate of $1.00 worth of merchandise per mile. This does not apply to bare root roses.

Roses as far as you can see—Looking across our Arizona Production—The bouquet is Montezuma.

Vaughan's "Extra Value"

Arizona Grown Rose Bushes

There's no better way to build business than to offer your customers EXTRA VALUE. And that's exactly what you can do with Vaughan's Arizona-Grown Roses. The unretouched photo below shows the superior quality of a Vaughan's Grade #1 rose compared with a rose meeting Grade #1 specifications. Vaughan's Grade #1 roses actually match Jumbo Grade (extra large Grade #1).

BEAT COMPETITION SELL THE BEST

Why Vaughan's Arizona Grown Roses Are Superior

- **GROW BETTER AND FASTER.** Arizona growing conditions result in 3% to 5% more starch content than is found in California-grown roses and 10% to 15% more than in those from other areas. Iowa State and Penn State University tests show that the more starch, the better and faster the first-season growth after transplanting. Result: greater customer satisfaction, less complaints.

- **FREE FROM DISEASE.** Vaughan's roses have no Black Spot, Anthracnose Mildew and scale. These organisms cannot exist in Vaughan's Arizona growing areas.

- **YOU GET THE VARIETIES YOU ORDER.** Just about 100% of the roses we bud in Arizona grow into good saleable plants. This compares with only 80% to 85% growers get in other areas. Therefore we know we'll have the varieties and quantities you order.

- **SUPERIOR FOR POTTING.** The Dr. Huey root stocks result in shorter shanks and dense, compact roots which pot and package better. (See picture showing downward growth.) These roots have superior stored energy resulting in quick healthy growth after transplanting.

- **HARDY EVERYWHERE.** The root stock is adaptable in all climates from Canada to Central America. Actually hardiness and hardness are synonymous insofar as winter survival of roses is concerned, and is controlled to a great extent by late summer growth of the plant. It is true that hardiness is inherent in some varieties, but it is because these varieties inherit growth characteristics that result in the wood becoming hard or mature in the early fall regardless of weather or culture.

- **PROVEN BEST BY TEST.** Every variety has been grown for at least 2 and many up to 10 years in Vaughan's Trials.

Avoid Lost Sales
Order Vaughan's Roses.

Rose Generally Accepted As Grade No. 1

Rose Supplied by Vaughan's As Grade No. 1

GRANADA

PRICES OF STANDARD VARIETIES

BARE ROOT

All bare root roses are sold in units of 10 of a variety and grade. Orders must be in multiples of 10. Orders for 300 or more of non-patented or standard varieties are priced at the 1000 rate. Boxes and packing extra at cost.

	Per 10	Per 100	Per 1000
No. 1 Grade	**6.50**	**60.00**	**550.00**
No. 1½ Grade	**5.25**	**47.50**	**425.00**

INSTANT GLAMOUR ROSE PRICES

See page 72 for description and prices of our Instant Glamour growing roses.

VAUGHAN'S PACKAGES

Available in AAN grade No. 1 or better. Golden packages with 4 color picture of the flower.

Case Identification

R-1 25-No. 1 grade or better, fast-selling, non-patented varieties; assorted by color for popular demand. Usually 7 red, 5 pink, 3 white, 4 yellow, 4 two-tone, 2 climbers. Varieties subject to change. Cost: Case of 25—$18.00.

R-C 25-No. 1 grade or better non-patented roses. Minimum 5 bushes of a variety, your selection of varieties. See available varieties listed above. Cost: Case of 25—$18.00.

PEACE

STANDARD VARIETIES

HYBRID TEAS

PINK
Editor McFarland
Good News
K. T. Marshall
Peters Briarcliff
Picture
Radiance
Show Girl
The Doctor

WHITE
Blanch Mallerin
Frau Karl Druschki
K. A. Victoria
McGredy's Ivory
Rex Anderson
Virgo

YELLOW
Baby Peace
Eclipse
Golden Rapture
Lowell Thomas
McGredy's Yellow
Mrs. P. S. DuPont
Sister Therese

BICOLOR
Condesa de Sastago
Countess Vandal
Girona
McGredy's Sunset
Peace
President Hoover
Talisman

RED
Charlotte Armstrong
Christopher Stone
Crimson Glory
Etoile de Hollande
Karl Herbst
Mirandy
Poinsettia
Red Radiance
Rouge Mallerin

CLIMBERS

RED
Blaze
Climbing Garnette
New Blaze
Pauls Scarlet

WHITE
Prosperity

PINK
Dr. J. H. Nicolas
New Dawn

YELLOW
Doubloons
Gold Rush

FLORIBUNDAS

RED
Baby Chateau
Eutin
Floradora
Garnette
Improved Lafayette

WHITE
Dagmar Spaeth
Summer Snow

PINK
Betty Prior
Else Poulsen
Mrs. R. M. Finch
Pinocchio
Rose Elfe

BICOLOR
Rochester

Rose Bushes—Every Variety Grown with "Extra Care" for You

PATENTED VARIETIES

HYBRID TEAS

Variety & Description	Minimum Retail Price
Arlene Francis (#1684). Yellow	$3.00
Aztec (#1648). Orange-scarlet	2.75
Bronze Masterpiece (#2000) Bronze	3.00
Careless Love (#1582) Pink	2.00
Chicago Peace (#2037). Spectacular pink & gold bicolor	3.00
Christian Dior AARS 1962. (#1943). Bright crimson red	3.00
Chrysler Imperial. (#1167) Crimson-red	2.50
Duet. AARS 1961. (#1903). Bicolor salmon-pink to crimson	3.00
Forty-Niner. (#792). Bi-color yellow outside, dazzling red inside	2.75
Garden Party AARS 1960 (#1814). Ivory tinted pink	3.00
Golden Masterpiece (#1284). Golden yellow	3.00
Golden Scepter (#910). Unfading yellow	2.00
Grenada 1964AARS (#2214)	3.50
Hawaii (#1833). Orange-coral blend	3.00
Helen Traubel. (#1028). Pink to apricot	2.75
Invitation (#2018). Orange-salmon to salmon pink	2.50
King's Ransom AARS 1962. (#2103) Pure yellow	3.50
Kordes Perfecta (#1604). Cream white to carmine at edges	2.50
Lady Elgin (#1469). Buff yellow blushed with pink	2.50
Love Song. (#1360). Bicolor	2.50
Memoriam (PPAF). Exquisite pink	3.50
Mojave. (#1176). Orange shot with tones of salmon and red	2.75
New Yorker (#823). Brilliant red	2.50
Nocturne. (#713). Rich dark red	2.25
Pink Peace (#1759). Deep pink	2.75
Royal Highness AARS 1963. (#2032). Delicate pink	3.50
Simone (#1847). Pastel lilac	3.00
Sterling Silver (#1433). Clear lavender with a silvery sheen	3.00
Suspense (#1944) Red & Yellow	3.00
Sutter's Gold (#885). Yellow richly shaded orange	2.75
Tiffany (#1304). Clear pink with a heart of gold	2.75
Tropicana AARS 1963 (#1969). Brilliant orange-red	3.50
White Knight (#1359). Pure white	2.75

GRANDIFLORAS

Variety & Description	Minimum Retail Price
Buccaneer (#1119). Brilliant yellow	$2.50
Carrousel (#1066). Dark Red	2.00
El Capitan (#1796). Red	2.75
Golden Girl (#1912). Sparkling yellow	2.50
John S. Armstrong AARS 1962 (PPAF). Velvety dark red	3.50
June Bride (#1770)	2.50
Montezuma (#1383). Scarlet-orange to orange-salmon	2.75
Pink Parfait AARS 1961 (#1904). Pink to rose-pink	3.00
Queen Elizabeth (#1259). Orchid pink	2.50
Starfire (#1742). Currant-red	2.50
War Dance (#2017) Dark Red	2.75

FLORIBUNDAS

Variety & Description	Minimum Retail Price
Amy Vanderbilt (#1585). Lavender lilac	$2.00
Circus (#1382). Yellow to orange red	2.50
Fashion (#789). Coral pink	2.00
Fashionette (#1563). Pink	2.00
Fireking (#1758). Vermilion	2.00
Gold Cup (#1683). Rich yellow	2.00
Golden Garnette (#1898). Yellow	2.50
Golden Slippers AARS 1962 (PPAF). Small blooms of orange and gold	2.50
Goldilocks (#672). Bright yellow	1.75
Ivory Fashion (#1688). Ivory	2.00
Jiminy Cricket (#1346). Tangerine-red	2.00
Lavender Girl (#1672) Lavender	3.00
Little Darling (#1581). Pink to yellow	2.25

CHICAGO PEACE

FLORIBUNDAS (Cont.)

Variety & Description	Minimum Retail Price
Pink Garnette (#1120). Pink	$1.75
Red Pinocchio (#812). Deep red	1.75
Sarabande (#1761). Orange-red	2.00
Saratoga AARS 1964 (PPAF)	2.50
Spartan (#1357). Orange softening to reddish coral	2.00
Vogue (#926). Cherry-coral	2.00
White Bouquet (#1415). White	2.00

CLIMBERS

Variety & Description	Minimum Retail Price
Blossomtime (#1240). Two-toned pink	$2.50
Climbing Crimson Glory (#736). Deep red	2.75
Climbing Peace (#932). Yellow with pink blush	2.50
Don Juan (#1864). Velvety red	3.00
Golden Showers (#1557). Deep yellow	2.50

PRICES OF PATENTED VARIETIES

BARE ROOTS

Bare Root roses are tied in bundles of 10 and sold only in multiples of 10 of a variety. Quantity prices are "per variety" on all patented varieties. Write for special prices on more than 250 of any one variety.

Retail Price Each	Wholesale Price Each 10	Each 20-up	Each 100-up
$1.75	$1.00	$ .88	$ .80
2.00	1.10	1.00	.95
2.25	1.25	1.13	1.05
2.50	1.40	1.25	1.20
2.75	1.50	1.38	1.30
3.00	1.65	1.50	1.40
3.50	1.90	1.75	1.65

VAUGHAN'S PACKAGES

Available only in AAN grade No. 1 or better golden packages with 4 color picture of the flower.

Case Identification	
PR-C	25-No. 1 grade or better patented varieties. Your choice of varieties. Minimum of 5 of a kind. Available varieties are listed above. Cost: Cases of 25— Retail less 40%
PR-1	24-No. 1 grade or better of patented varieties. Our choice of popular kinds. Not more than 2 of any one kind and about like R-1 for colors. Retail price figured at $66.00 Cost: Case of 24—$39.60

Vaughan's Pot Forcing Roses — ARIZONA GROWN

You can recapture potted plant sales from supermarkets by offering these exceptionally fine roses potted and in full bloom for Easter and Mother's Day. Their popularity is increasing all the time. Recommended varieties make wonderfully-free-blooming specimens. XXX grade result in large plants; XX grade in medium plants. Shipments from December through February.

Patented varieties are offered under license from the patentee and are for resale at or above the retail prices specified. Wholesale prices on patented varieties are per variety. Quantities of patented varieties cannot be grouped with standard varieties for quantity prices. All standard varieties may be grouped to take advantage of the lowest quantity price.

Suggestions for Forcing Pot Roses for Easter and Mother's Day

These suggestions are based on information supplied by customers who have successfully grown pot roses for several years. Proper allowance must be made for any unusual conditions in your area.

When to Pot—Planting for Easter should be done 3 months before the holiday occurs. We time our shipments so you receive the bushes 2-3 days before planting time.

Pruning—At time of potting prune tops to 6 inches above bud union. Prune roots to fit the pot leaving as many fibrous roots as possible.

Soil—Any good greenhouse soil is satisfactory. Be sure to tamp the soil well around the roots and water thoroughly. Some growers use a tamping stick to pot tight.

Temperatures—Immediately after potting 50° and high humidity. Some growers use wet burlap over the plants until they sprout. After sprouting, transfer to a sunny bench and use 58° temperature. 62° will advance the flowering. 55° will retard the flowering. Temperatures above 58° results in a loss of quality.

Pinching—Advisability of pinching varies. Some growers insisting it results in a better pot plant, others insisting it does more harm than good. In the Chicago area a soft pinch 8 weeks before Easter results in flowers at Easter at 58°. A pinch 7 weeks before Mother's Day is proper timing.

Watering and Feeding—After the shoots are well started, soil should be kept as evenly moist as possible. Feeding with soluble fertilizer, like Vaughan's Instant Glamour, should be done about three times during the plants growth. The first application about six weeks after potting.

Patented Varieties

Carol Amling (#1126). An excellent light pink sport of Garnett. Attractive green foliage. Min. retail 1.75

XXX grade	10 plants, each	**$1.00**
	20190 plants, each	**.87½**
	1001240 plants, each	**.80**
	250 plants or more, each	**.75**

China Doll (#678). A very compact bush. Flowers pink edged with light pink to white. Very free blooming. Excellent for pot forcing. Min. retail $2.25.

XXX grade	10 plants, each	**$1.25**
	20190 plants, each	**1.12½**
	1001240 plants, each	**1.05**
	250 plants or more, each	**.95**

Standard Varieties

Baby Peace. Flowers color of peace but only ¾-1 in. in diameter. Worth a try.

Bright Pink Garnette. Foliage and flowers about Garnette except flower color is pink.

Dick Koster. Flowers bright salmon rose.

Garnette. Attractive glossy bronze foliage. Flowers bright rich red. Growth compact.

Golden Salmon. The name describes the flower color. Bush growth is compact. Foliage is good. Excellent.

Margo Koster. Flowers freely with salmon-orange globular shaped blooms. Bush compact.

Mother's Day. Red globular shaped flowers. A sport of Margo Koster.

Summer Snow. The most prolific of white varieties in this class. Flowers pure white in heavy clusters.

Triomphe D'Orleanis. Flowers cherry red. Very popular.

Prices of standard varieties.

	10 plants each	20/90 plants each	100/250 plants each	more than 250 plants each
XXX grade	**.75**	**.70**	**.65**	**.60**
XX grade	**.65**	**.60**	**.55**	**.45**

XX grade of patented pot forcing roses 20% less than XXX price. All pot forcing roses available in bundles of 10 and bare root only. Packing charged extra at cost.

Plants Grow Only 8 to 12-inches high

MINIATURE ROSES

Dormant Plants

Variety	Pl. Pat. No.	Our Retail Each Price	Wholesale Price per plant 10-24	25-99	100-249
Pixie Rose	2095	1.50	**$0.75**	**$0.70**	**$0.65**
Scarlet Gem	2155	1.50	**.75**	**.70**	**.65**
Baby Gold Star	—	1.50	**.75**	**.70**	**.65**
Bo-Peep (pink)	976	1.50	**.75**	**.70**	**.65**
Cinderella (white)	1057	1.50	**.75**	**.70**	**.65**
Red Imp	1032	1.50	**.75**	**.70**	**.65**
Pixie Gold	2901	1.50	**.65½**	**.60**	**.55**
Midget (red)	—	1.25	**.62½**	**.60**	**.55**
Pixie (white)	—	1.25	**.62½**	**.60**	**.55**
Robin (red)	1663	1.25	**.62½**	**.60**	**.55**
Sweet Fairy (pink)	748	1.25	**.62½**	**.60**	**.55**
Tinker Bell (pink)	1293	1.25	**.62½**	**.60**	**.55**

Quantity of the variety ordered determines price bracket, not total quantity of the order. These plants are grown and shipped in plastic Poly-Pots (equivalent to 3" clay), individually labeled, and packed, f.o.b. West Grove, Pa. only. No charge for packing. Minimum order 50 plants.

FREE! with each order: Poster, cultural information, and growing guides.

Fancy Leaf Caladiums

Available December through June. Write for Descriptive Color Folder.

Listed below are the choicest varieties of Fancy Leaved Caladiums that we have in adequate supply. If you want varieties not listed below, just write us of your needs. We have limited quantities of many more outstanding Caladiums, including Straps, Lance and Arrow-Leaf varieties.
If you do not want substitutions, please state the fact on your order. This will save time and correspondence in satisfactorily filling your order.
Order early for best variety selections.

AARON. Creamy white center, green border.

ACE OF HEARTS. Dwarf, bright rose leaf with green border, scarlet ribs.

AVERY MAY. New. Bluish red center with pink spots.

***BECKY SHEPPARD.** New. Rose pink leaves, light green border.

***BLUE DANUBE.** New. Bluish red frilled.

***CALOOSAHATCHEE.** White leaf, green border.

CANDIDUM. White with green veins.

CAROLYN WHORTON. Multi-colored leaves with purple hue.

CRIMSON WAVE. Crimson with dark green border.

DR. GROOVER. Transparent pink, green border.

DUKE. Red center, green border.

EDITH MEADE. White with green border, red midribs.

EDNA. Shiny wine red leaves.

***E. O. ORPET.** Bright red narrow leaf.

EXPOSITION. Bright crimson, scarlet ribs, dark border.

FANNIE MUNSON. Bright crimson, scarlet ribs, green border.

FESTIVA. Similar to Lord Derby, but with red leaves.

FRED BAUSE. Bluish red leaves, green border.

FREIDA HEMPLE. Bright red center, green border. Many leaves.

GINI STEGEMAN. Bright red leaves, green border; bushy.

IRENE DAHLBERG. White leaf with pink hue, green border.

ITACAPUS. Dark red with bright red spots.

JESSIE THAYER. Flushed pink and white red veins.

JOHN PEED. Bright red center, green border.

KATHLEEN. Salmon pink leaves, green border.

LADY IN RED. Deep red with deeper red ribs, green border.

LORD DERBY. Transparent rose, dark ribs and green border.

MACAHYBA. Bronze leaves with green and red rays, large pink and white splashes.

MARIE MOIR. White with red spots, green border.

MISS CHICAGO. Beautiful pink. Very popular.

MRS. ARNO NEHRLING. Bronze leaves turning white, with pink hue. Scarlet ribs.

MRS. F. M. JOYNER. White with pink hue, scarlet midribs.

MRS. F. SANDERS. Dark green leaf, blotched with deep rose.

MRS. W. B. HALDERMAN. Red center, narrow green border.

PINK BEAUTY. Pink leaves, green border, bushy.

***PINK CALLA.** Leaves green center, bright pink edges.

PINK CLOUD. Crumpled leaf, mottled pink.

***PINK GEM.** Pink and white leaves with bronze green border.

POECILE ANGLAIS. Deep crimson, metallic green border.

***POTHOS.** Green, yellow and white mottled leaves.

RED ENSIGN. Bright metallic red, green border, bushy.

***RED FEATHER.** Bright red leaves, green border.

RED FLARE. Scarlet, blotched with green. Extra good pot plant.

RICHARD DECKARD. Rose with scarlet ribs, tan border.

***ROSALIE.** Shiny red leaves with green border.

ROSEBUD. Dwarf. Rose leaf, green border.

***ROSE FRILL.** Rose leaves, green border.

***ROSE MARIE.** Pink with green border.

SCARLET PIMPERNELLE. Scarlet center, straw colored border.

SEAGULL. White lacy network on green background.

SHEP. Bright red center, green border, many pink dots.

SPANGLED BANNER. Dark red leaf, heavily spotted pink.

SPOTLIGHT. Bright red turning pink, green border.

SUNBURST. Bright red center with red spots, green border.

TEXAS BEAUTY. Bronze, heavily splotched with pink, red ribs.

THOMAS TOMLINSON. Bright red, green border, very bushy.

T. L. MEADE. Bronze red leaves, bright red midribs.

***VARIEGATED PINK.** Many leaves, very bright.

WHITE CHRISTMAS. Solid white between green midribs, green border.

***WHITE FRILL.** Ivory white leaves, green border.

WHITE PRINCESS. Dwarf; white leaves, green border and midribs.

***WHITE WING.** White with green border.

*Indicates Lance Leaf Varieties.

PRICES—ALL CALADIUMS
F.O.B. FLORIDA

		Per 100	Per 1000
#2	(1/1½)	$ 9.00	$ 75.00
Special #1	(1½/2)	12.50	100.00
Extra #1	(2/2½)	15.00	135.00
Jumbo	(2½/3½)	25.00	225.00
Mammoth	(3½/up)	35.00	325.00

GLORIOSA ROTHSCHILDIANA

Climbing Lily for Cut Flowers **F.O.B. Florida**

A profusion of brilliant red and yellow flowers. Requires three to four months to bloom.

	per 100
Large size tubers	$60.00

Giant Hybrid Amaryllis

Famous Imported Holland Strain Amaryllis

Sensationally large well formed flowers. Brilliant colors. Greenhouse grown. True to color.

Order by color. Red, Dark Red, Scarlet, Salmon, White, Orange, Striped.

	Size 30-32 ctm. Each	Doz.	Per 25
Prepared Bulbs for Jan. Flowering Delivery	**$3.00**	**$35.00**	**$68.00**
Regular (Feb.—March Flowering)	**$2.50**	**$29.00**	**$56.00**

AMARYLLIS "CALIFLORA" HYBRID MIXTURE

This magnificent California grown strain is the result of crossing the finest Dutch & Domestic Hybrids. The Amaryllis produce extremely large flowers of excellent form and substance which are derived from the Dutch parentage and the plants are vigorous, healthy and evergreen which are the characteristics of the Domestic parent stock.

	Per 100	Per 1000
2½ to 2¾" Diameter	**$40.00**	**$360.00**
2¾ to 3"	**45.00**	**420.00**
3" and up	**57.50**	**525.00**

ANEMONE

"TECOLOTE" GIANTS

Each bulb produces dozens of flowers. Not hardy. In West, Southwest & South plant in Fall. In colder climates, plant in Spring. Excellent as cutflower in cool greenhouse (45 degrees). Plant 1 to 2 deep and 6" apart in any soil with adequate drainage.

CALIFORNIA GROWN

	¾ to ⅞" 100	¾ to ⅞" 1000	⅝ to ¾" 100	⅝ to ¾" 1000
Monarch DeCaen. Single Poppy type mixture **St. Brigid.** Double Mixture **Blue Poppy.** Single blue **Bride.** Single white **His Excellency.** Single red **Rosea (Sylphide).** Single rose.	**$5.50**	**$50.00**	**$4.00**	**$35.00**

CALLA LILIES

(Less than $15.00 Handling charge $1.00)

WHITE CALLA (AETHIOPICA)

Ready August F.O.B. California

	Per 100	Per 1000
1½-1¾	**$19.50**	**$170.00**
1¾-2	**27.50**	**240.00**
2-2½	**32.00**	**280.00**

PINK CALLA (Rehmannii Superba) December.

1½-2	**$16.00**	**$145.00**
2-2½	**22.50**	**200.00**
2½-Up	**29.50**	**275.00**

YELLOW CALLA (Elliottiana) December.

1¾-2	**$13.50**	**$120.00**
2-2½	**19.50**	**175.00**
2½-3	**35.00**	**315.00**
3 & Up	**50.00**	**450.00**

WHITE CALLA (Albo Maculata) December.

1¾-2	**$13.50**	**$120.00**
2-2½	**19.50**	**175.00**
2½-3	**35.00**	**315.00**
3 & Up	**50.00**	**450.00**

December shipments from Downers Grove, Ill. or California.

RANUNCULUS

"TECOLOTE" GIANTS

These "claw-like" bulbs should be planted "claws" down 1 to 2" deep and 8" apart in any garden soil with good drainage. Huge, fully double blooms in Reds, Pinks, Yellows, Whites, Bronze and many in between and bi-color shades. Dozens of blooms from each bulb. Not hardy. In warmer climates, plant in Fall; in colder areas, plant in Spring or cool (45 degrees) greenhouse.

Best California mixture (straight colors F.O.B. California)

	American grown 100	1000
⅝ to ¾"	**$3.00**	**$25.00**
¾ to ⅞"	**4.00**	**35.00**
⅞ to 1"	**5.50**	**50.00**

ACIDANTHERA BICOLOR

MURIELAE. Flowers resembling small gladiolus grow from similar corms. The 2 inch Florets are white with deep violet blotch on 2 foot stems. Keep bulbs warm and dry. Per 100, **$3.00;** per 1000, **$25.00.**

HYACINTHUS CANDICANS

SUMMER HYACINTH. Perfectly hardy and of vigorous growth. Flowers are pure white and pendulous, 4 feet high.

	100
1½ to 1¾ inches	**$7.50**

ISMENE CALATHINA

PERUVIAN DAFFODIL. Flowers are pure white, borne three or four on a stem, and are very fragrant.

	100
Not hardy	**$30.00**

MONTBRETIAS

They are highly valued for cut flowers. Our mixture contains many bright shades of yellow, salmon, orange and scarlet.

	100	1000
Regular Assorted, 4 Colors	**$4.50**	**$40.00**

OXALIS

DEPPEI. Bright green foliage with coppery red flowers—ideal little garden. Also very nice if planted in pots for the window sill. Called lucky four leaf clover plant.

100	1000
$2.00	**$15.00**

TIGRIDIA

SHELL FLOWER OF MEXICO. Few flowers are more gorgeously colored or so beautiful. Plant in sunny positions in a flower border in well-drained soil. Put a little sand under the bulb.

	100	1000
Mixed	**$5.00**	**$45.00**

TUBEROSES

Well-Cured Bulbs

Our Bulbs are secured from dependable growers who are very careful in selecting the best **Dwarf Excelsior Pearl Type.**

		100	1000
Dwarf Excelsior Pearl	First size, 4 to 6 in.	**$9.50**	**$80.00**
	Second size, 3 to 4 in.	**7.50**	**60.00**
Single Tuberoses, top size		**8.50**	**70.00**

DAHLIAS

Ready February 1st

KEY TO ABBREVIATIONS. F.D., Formal Decorative; S.C., Semi-Cactus; Str. C., Straight Cactus.

LARGE FLOWERING TYPES

	Per 100
AVALON. F.D. Clear Yellow, 6" and up	$18.00
CHANDELON. C. Pink and yellow, 6"	18.00
CLARA HOOK. C. Dark Yellow. 6"	22.00
D-DAY. F.D. Pink. 6" and up	18.00
FRANCIS ARCHER. F.D. Lavender. 6" and up	20.00
GALLANT FOX. F.D. Brilliant Red. 6" and up	18.00
GAY. F.D. Bright yellow. 6" and up	18.00
GOLDEN TREASURE. F.D. Golden yellow. 6" and up	18.00
GYPSY GIRL. F.D. White with maroon flicks. 4" to 6"	22.00
JEAN KERR. F.D. White. 4" to 6"	18.00
JERSEY BEAUTY. F.D. Clear Pink. 6" and up	20.00
KATHIE M (F.D.) Blend Yellow & Pink 4-6"	18.00
MICHIGAN. White S.C. White. 6"	20.00
NICKY K. C. Bright red. 6"	18.00
PETER'S GLORY. F.D. Pink & Cream. 6"	20.00
REAL GLORY. F.D. White. 8" and up	20.00
WANDA MEADE. F.D. Red and White. 6" and up	18.00

MINIMUM ORDER—25 OF A VARIETY

GLOXINIAS

Etoile de Feu—bright red
Defiance—red scarlet
Roi des Rouges—deep red
Emperor Frederik—red with white border
Emperor Wilhelm—blue with white border
Mont Blanc—pure white
Prince Albert—deep blue
Violacea—blue violet
Queen Wilhelmine—carmine
Tigrina—specked
Princess Elizabeth—blue with white throat
Waterloo—deep red
Hollywood—novelty, blue going over to scarlet purple. Very early large flowers.
Blanche de Meru—pink with white throat

Grow at 65 degrees in mixture half peat and half sand. Keep the soil moist and avoid direct sunlight for the plants, especially at its maximum intensity.

	100	1000
1½-2 inch	$16.00	$150.00
2 inch and up	22.00	195.00

BELGIAN GROWN

Shipment December through February.

EARLY DUG GLOXINIAS

Shipment late October through November.
Varieties as listed above.

	100	1000
2 inch and up	$24.00	$210.00

CANNAS

	100	1000
KING HUMBERT. 4 ft. Scarlet flowers, bronze leaves, greatest favorite today	$ 8.50	$ 75.00
YELLOW KING HUMBERT. 4 ft. An orchid flowering sport of the well known variety King Humbert	8.50	75.00
THE PRESIDENT. 4 ft. In color a rich glowing scarlet with immense rounded flowers 7" across when fully open, produced on strong, erect stems well above the large green foliage	8.50	75.00
HUNGARIA. 3½ ft. Very compact, almost dwarf, and of luxuriant growth. Leaves bluish green, never burn. Flowers La-France pink	8.50	75.00

NEW GRAND OPERA SERIES

A new strain with unusual soft colors and large flowers.

	100	1000
LA TRAVIATA. A delightful and lively shade of old rose in large flowers.	$20.00	$175.00
MME. BUTTERFLY. One of the finest of this series, yellow washed with pink.	20.00	175.00
RIGOLETTO. Pure canary yellow.	20.00	175.00

BELGIAN GROWN BEGONIAS TUBEROUS ROOTED

Copper, Red, Orange, Pink, Salmon, Scarlet, White, Yellow.

By Color or Mixed Double Camelia Flowered—Belgium Grown

	100	1000
1¼-1½ inch	$ 6.00	$ 55.00
1½-2 inch	10.00	90.00
2 inch and up	15.00	130.00

CARNATION FLOWERED

(FIMBRIATA. 7 COLORS)

	100	1000
1½-2 inch	$12.00	$100.00
2 inch and up	16.00	150.00

PENDULA OR HANGING BASKET

(7 COLORS)

	100	1000
1½-2 inch	$14.00	$120.00
2 inch and up	18.50	165.00

MULTIFLORA MAXIMA

SCARLET—PINK—WHITE—YELLOW

	100	1000
(New cross between Camelia flowered and multiflora). Good Pot Plant for Easter or good bedding plant, 1¼ inch in diameter	$14.00	$125.00

AMERICAN GROWN RUFFLED CAMELIA AND ROSE FROM BEGONIAS

"For The Very Best"

	100	1000
1¼-1½ inch	$11.00	$ 97.50
1½ inch-2 inch	18.00	162.50
2 inch and up	22.00	200.00

Commercial Gladioli

MINIMUM ORDER 100 OF A VARIETY

	No. 1 Per 100	No. 1 Per 1000	No. 2 Per 100	No. 2 Per 1000
BRIDAL ORCHID Tall light lavender, mid season	$3.00	$27.00	$2.50	$21.00
ELIZABETH THE QUEEN Fine ruffled lavender	3.00	27.00	2.50	21.00
FLORENCE NIGHTINGALE Tall, white, slightly creamy throat, early	3.25	28.50	2.75	23.00
FRIENDSHIP Very early, pink with creamy throat	3.00	27.00	2.50	21.00
GAIL Early, medium lavender	3.00	27.00	2.50	21.00
HARRISBURGER Very tall, late, cherry red	3.75	33.00	3.00	26.00
HOPMAN'S GLORY Yellow	3.25	28.50	2.75	23.00
LORELEI Tall ruffled light cream	3.25	28.50	2.75	23.00
ORANGE GOLD Very large orange, mid season	3.00	27.00	2.50	21.00
MOTHER FISCHER Ruffled white	3.25	28.00	2.50	22.00
REGINA Rich amber orange	3.00	27.00	2.50	21.00
PROF. GOUDRIAN Creamy white	3.25	28.00	2.50	22.00
PROSPECTOR Ruffled light yellow	3.25	28.00	2.50	22.00
SANS SOUCI Tall scarlet, mid season	3.25	28.00	2.50	22.00
SPIC AND SPAN Large deep pink, mid season	3.00	27.50	2.50	21.00
SUMMER QUEEN Nicely ruffled, salmon pink	3.00	27.00	2.50	21.00
TRAVELER Unusual rose pink, mid season	3.50	30.00	2.75	24.00
VALERIA Best commercial red	3.50	32.00	2.75	25.00
WHITE FRIENDSHIP (Best White) Very early white sport of Friendship	3.50	30.00	2.75	24.00
WILD ROSE Medium rose with cream throat, mid season	3.00	27.00	2.50	21.00
GLADIOLUS—Mixed All Good Standard	3.00	25.00	2.50	20.00

RESALE GLADS

500 Glads, 10 Varieties, and Display Boxes

$18.00

Retails for Over $37.00

F. O. B. Chicago and Bound Brook, N.J.

You get 10 of these colorful Display Boxes measuring 9 in. wide, 8 in. deep, and 5 in. high.

Vaughan's Famous Gladioli

They Have Been Nationally Advertised for Years. Many Millions are Sold all Over the United States Every Year.

We use HEAVYGRADED BULBS, 1½"-2", the size which sells best over the counter. The price to you is $18.00 for the 10 boxes and 500 bulbs of 10 named varieties. You retail them for 90c a dozen, or more, because the selection is worth it, doubling your money. Each variety is packed 50 in a bag labeled with its name. You empty one bag into a box, and refill in the same manner when it is empty. This prevents mixtures and loss of bulbs. After the display boxes and first collection have been bought, refill orders will be accepted for $17.00 for 500 bulbs, 50 each of 10 varieties, in bags of 50; or $32.00 for 1,000 bulbs, 100 each of ten varieties. Colored pictures are pasted on each display box.

Pot and Cut Flower Lilies

SEE BACK COVER FOR MORE LILY INFORMATION

FULL CASES SHIPPED FROM CHICAGO AND NEW YORK

JAPANESE GROWN GEORGIAS (ARAI #5)

	Case
5-6 (500 per case)	**$50.00**
6-8 (400 per case)	**50.00**
7-9 (300 per case)	**50.00**
8-10 (225 per case)	**50.00**
9-10 (200 per case)	**50.00**
10-11 (150 per case)	**50.00**

LILIUM ERABU

Can be shipped in late September for January cut flowers or later out of cold storage.

	Case
6-8 (400 per case)	**$45.00**
7-9 (300 per case)	**45.00**
8-10 (225 per case)	**45.00**
9-10 (200 per case)	**45.00**

SPECIOSUM RUBRUM MAGNIFICUM

Flowers are of good substance; will last a long time and do not all open at once. The color is white with pink and crimson shading, spotted with red.

	Case
7-9 inches (250 bulbs to case)	**$45.00**
8-9 inches (200 bulbs to case)	**45.00**
9-10 inches (140 bulbs to case)	**45.00**
11-13 inches (90 bulbs to case)	**45.00**

AURATUM-GOLD BANDED

	Case
8-9 (200 per case)	**$40.00**
11-13 (90 per case)	**40.00**

LILIUM GIGANTEUM

	Case
7-9 (300 per case)	**$50.00**
8-10 (225 per case)	**50.00**
Orange Triumph 8-9 (200 per case)	**$45.00**
Tigrinum 8-9 (250 per case)	**40.00**

LILIUM REGALE

LILIUM REGALE

White Trumpet flowers—most popular outdoor trumpet lily. Pink fringe on outer edges. Flowers in July on 5-foot stems.

	Case
7-8 inch (250 per case)	**$35.00**
8-9 inch (200 per case)	**35.00**
9-10 inch (150 per case)	**35.00**

Vaughan's Master Select De Graaff Lilies

POT COLLECTION $50.00

J.C.V. #1 — 200 BULBS

100	ENCHANTMENT	Nasturtium Red
50	VALENCIA	Soft Orange
25	FIRE FLAME	Mahogany-Red
25	HARMONY	Deep Orange

HARDY PERENNIALS

Minimum—25 of one variety. 25 or more of one variety at the 100 rate. Packing at cost. Due to cost of handling we cannot accept orders of perennials totaling less than $15.00.

Per 100

AJUGA Reptans. June. Blue flowers. 6-8 ..... $15.00
Rubra. Purple flowers, red bronze foliage 17.50

AQUILEGIA (Columbine). May-June
Crimson Star 17.50
Long Spurred Blue. 2½-3 ft. 15.00
McKana Hybrids. Very large flowers in beautiful range of rich colors, long spurs. 3 ft. 17.50
Mrs. Scott Elliott Hybrids. Very long spurred. Mixed colors. 3 ft. 15.00

ARMERIA Laucheana. Attractive mound of narrow foliage topped by bright pink flower heads that look like miniature popcorn balls 17.50

ARTEMISIA Silver King. Striking silvery foliage. 3 feet. Useful filler for bouquets 15.00
Silver Mound. Dwarf plant of silvery fernlike foliage making a handsome compact mound about 4 in. high 17.50

CARNATION GRENADIN Cardinal. Bright Scarlet. 20 inch 12.00
Golden Sun. Golden Yellow. 20 inch 12.00
Innocence. Pure white. 18 inch 12.00
King of the Blacks. Dark Velvety maroon. 20 inch 12.00
Rose Queen. A fine pink. 20 inch 12.00

CHRYSANTHEMUM MAXIMUM (Shasta Daisy). All Summer.
Alaska. Large white. 2 ft. 12.00
Double Fringed Giant. Outstanding new variety. Pure white immense flowers. A mixture of semi-double to double. Beautifully frilly. Tall sturdy stems 17.50

DELPHINIUM Belladonna. Sky blue. 2-2½ ft. 15.00
Bellamosa. Deep blue. 2-2½ ft. 15.00
Blackmore and Langdon. Fine strain of Hybrid. 4-5 ft. 15.00
Giant Pacific Hybrids. The aristocrats of the outdoor garden and so valuable for cut flowers. Immense single and double flowers on giant spikes 5-7 ft. All summer.
Black Knight. Deep blue 20.00
Galahad. Pure white 20.00
Guinevere. Light pink 20.00
King Arthur. Purple 20.00
Summer Skies. Clear blue 20.00
Round Table. A superb mixture of the finest shades 20.00

DIANTHUS Winteri. Its large dollar-size single flowers are borne in great abundance in the most delightful pure colors and each flower has a beautiful carmine ring in the center. 12-18 inches 20.00
Tiny Rubies. Miniature Carnation. Rose pink flowers on 4-5 inch stems. Green mound. June 20.00

DICENTRA (Bleeding Heart) Exima. Pink flowers. 15-inch 17.50
Spectabillis. True old-fashioned variety. Pink. 18-24 inch. June. 4 eyes and up 40.00
2-3 eyes 25.00

ERICA CARNEA (Heaths). Low spreading evergreen shrub for year around beauty.
Sherwood Copper. Carmine red blooms, late winter and spring. 2 yr. 4-6 inch 25.00

Per 100

GAILLARDIA Grandiflora Mandarin. Extra large deep coppery red grown from cuttings $20.00

GRASSES Festuca Glauca. (Blue Fescue Grass) Dense tufts of low growing narrow bluish leaves, fine for edgings 15.00

GYPSOPHILA
Bristol Fairy. True double. White 2 ft. All summer 35.00
Pacifica. Clear pink. Fine for cutting. 3 ft. August-September 15.00
Pink Fairy. Double pink 30.00

HEUCHERA
Brezoides. Profuse bloomer. Pink. 1½-2 ft. All summer 20.00
Pluie De Feu. Lovely coral-red. 1½-2 ft. All summer 20.00

HIBISCUS Avalon Hybrids. Beautiful strain of giant Mallow, mixed colors. 5 ft. July-August 15.00

IBERIS (Candytuft) Purity. White 20.00
Sempervirens. White. 8 inch. May 15.00

INCARVILLEA Grandiflora. (Hardy Gloxinia). Fuschsia purple 15.00

LAVANDULA VERA (True Sweet Lavender)
Beautiful silvery blue-gray foliage year-round forming an attractive bush 12-18 inches high. Lavender blue flower spikes blooming July to September. The entire plant is wonderfully fragrant and the dried blooms are used in lavender bags 15.00

LIATRIS Kobalt Blue. Finest Liatris and deepest color. New variety with bright, mauve pink flower spikes. Low growing. Very abundant sturdy and full flowered spikes. Earliest to flower. July-August 20.00
Spicata. Purple blue flower spikes 15.00

LUPINUS Russell Hybrids. Dazzling spikes solid with flowers in a rich assortment of blue, white, pink and rose colors. 3-4 ft. May-July $17.50

LYTHRUM Morden's Pink. A beautiful borderplant with rosy-pink flower-spikes on straight stems 3 ft. high, from July until September 20.00

MONARDA Cambridge Scarlet 15.00
Granite Pink. Lovely clear pink that does not fade or discolor. 2 ft., July-August 15.00

PACHISTIMA Canbyi. Low growing evergreen with holly-like foliage. Clumps 4-6 inch 25.00

PACHYSANDRA Terminalis. Evergreen ground cover, Transplants. 2 yr. 10.00

PHLOX DECUSSATA
Boulvardier. (New sensation by Symons-Jeune). Large florets of rose-violet with darker eye. Very tall with extra large well-formed trusses 20.00
Brigadier. Large carmine red 17.50
B. Symone Jeune. Outstanding new variety. Enormous heads of clear pink with sparkling crimson eyes 20.00
Caroline Vanderberg. A true lavender-blue. 2½-3 ft. Midsummer 16.00
Charles Curtis. Very large flowers of intense red. Does not fade in sun or rain 20.00
Dode Hanbury Forbes. (New variety by S. Jeune). Outstanding clear pink 20.00
Dresden China. (Symons-Jeune introduction). Large exquisite shell-pink florets. Tall-free-flowering and strong grower. Late 17.50

Per 100

Everest. (New variety by Symons-Jeune). Purest white with pink eye $25.00
Fairy's Petticoat. (New variety by Symons-Jeune). A lovely delicate shade of light pink with a deeper pink eye. A sturdy and vigorous grower. 3 ft. 20.00
Orange. (New from Holland). Exceptionally good. Fine orange heads. 2 ft. 25.00
Pastorale. Large warm pink 20.00
Sir John Falstaff. A giant rich salmon-pink Phlox, easy to grow and an outstanding variety 17.50
Starfire. Magnificent new red 20.00
Thunderbolt. New dazzling brilliant red. Large heads 17.50
White Admiral. Enormous heads of white flowers. Fragrant prolific blooms. 2-2½ ft. July-August 16.00

PHLOX SUBULATA. (Creeping Phlox-Moss or Mountain Pink). Solid carpet of bright little flowers in early spring. Pretty moss-like evergreen foliage. Grows best in sun. Popular for ground cover, borders, walls and rock gardens.
Atropurpurea. Deep carmine red 17.50
Blue Emerald. Attractive, light blue flowers in spring and fall. Compact growing habit 17.50
Emerald Pink. Long flowering pink. Compact foliage 17.50
Red Wing. Giant sized florets. Deep crimson 17.50
White Delight. The purest and largest white. Bright green foliage 17.50

PRIMULA (Hardy Primrose). 6-8 inch. April-May.
Polyantha. Lovely mixture of yellows, reds and rose 17.50
Veris. A beautiful strain of all shades 17.50

PYRETHRUM Robinson's Dark Crimson. Large. Crimson Red 17.50
Robinson Strain. Finest strain of Painted Daisy. Mixed colors. 1½-2 ft. 15.00

SALVIA Nemerosa Superba. Purple 25.00

SEDUM Spectabilis Brilliant. Crimson. 10 inch. August 15.00
Acre. Yellow 15.00
Purple Beauty. (Dragon Blood) 20.00

SPIREA Fanal. Brilliant carmine red. 22" 40.00
Queen Alexandria. Deep rose. 22" 30.00
Gladstone. Pure white. 24" 30.00

STOKESIA Blue Moon. Light blue large disc-like cut flowers 20.00

TEUCRIUM Chamaedrys. Glossy foliage resembling dwarf Boxwood, pink flowers 17.50

TRITOMA (Red Hot Poker or Flame Flower)
Pfitzeri. Orange-scarlet. 2½-3 ft. Aug.-Oct. 20.00
Primrose Beauty. Yellow 20.00
White Giant. 3 ft. 20.00

VALERIANA COCCINEA. Soft pink to purplish-red flowers from June til Oct. 18-24 inches high. Fine blue-green foliage. An excellent border plant 15.00

VERONICA Blue Champion. Deep indigo blue flowers on tall spikes 24 inches high. Striking 20.00
Incana. Pale blue, silvery foliage. 9 inch. June-July 15.00
Minuet. Light pink flower spikes on silvery gray foliage. Most lovely. Blooms in July and August. 15 inches high 15.00
Sapphire. Indigo blue 15.00

VINCA MINOR. Bowles variety. Imp. variety. Larger deep blue flowers 20.00

Modern Packaged Perennials For Instant Profit

FREE: EYE CATCHING, 4-COLOR BANNERS WITH ORIGINAL ORDER, PACKAGES WITH 4-COLOR PICTURE AND COMPLETE GROWING CULTURE.

Four suggested Assortments made up of the most popular and better perennials. Each case has 6 plants of 6 different varieties for your convenience. For those preferring varieties other than in collections make your own assortments from general listing. **Your** own assortments must be ordered in minimum units 6 of a single variety or multiples of 6 totaling 36 per carton.

Self-Selling Standard Size Roots with 2¾ x 4½ in. Colored Label plus Planting Instructions for each plant.

ASSORTMENT–1
6 Delphinium
6 Shasta Daisy
6 Canterbury Bells
6 Phlox Subulata
6 Hardy Pinks
6 Lythrum

ASSORTMENT–2
6 Delphinium
6 Carnations
6 Phlox
6 Foxglove
6 Gaillardia
6 Painted Daisy

ASSORTMENT–3
6 Double Hollyhock
6 Baby's Breath
6 Columbine
6 Hardy Asters
6 Artemisia
6 Candytuft

ASSORTMENT–4
6 Sweet Williams
6 Phlox
6 Lupines
6 Red Hot Pokers
6 Fern Leaf BleedingHeart
6 Veronica

PRICE LIST (F.O.B. MICHIGAN)

Assortments (36 plants per case) (Minimum order 2 cases) . . . **$7.20** per case
Suggested Retail Price: 39c each or 3 for **$1.00**

SPECIAL CASES

ASSORTMENT—5, Dicentra Spectabilis, Old Fashioned Bleeding Heart, (25 plants per case) . . . . **$8.75** per case

ASSORTMENT—6, Clematis. Named varieties by color assorted, Purple, Sky Blue, Lilac, Red, Pink and White (25 plants per case **Free color poster**) **$15.00** per case.

General Listing For Your Assortment Selection

Achillea (Crimson)
Ajuga Bugle (Reptans Rubra)
Alyssum (Basket of Gold)
Anthemis (Tinctoria)
Aquilegia (Columbine) (assorted)
Artemesia (Silver Mound)
Ascelpias (Tuberosa)
Asters (Hardy) (Little Red Boy)
Asters (Hardy) (Rose Serenade)
Asters (Hardy) (Blue Horizon)
Canterbury Bells (Blue)
Canterbury Bells (Pink)
Canterbury Bells (White)
Carnations (Assorted)
Carnations (Scarlet)
Carnations (White)
Carnations (Pink)
Carnations (Yellow)
Chrysanthemums (Red) Cushion
Chrysanthemums (Bronze) Cushion
Chrysanthemums (Yellow) Cushion
Chrysanthemums (White) Cushion
Chrysanthemums (Pink) Cushion
Coreopsis (Bright Yellow)
Delphinium (Belladonna) Light Blue
Delphinium (Lamartine) Deep Purple
Delphinium Pac. Hyb. (Galahad) Pure White
Delphinium Pac. Hyb. (King Arthur) Purple, White Bee
Delphinium Pac. Hyb. (Summer Skies) Sky Blue
Delphinium Pac. Hyb. (Assorted)
Dianthus (Hardy Pinks) (Asst'd)
Dicentra (Eximia) (Dwarf Bleeding Heart)
Digitalis (Foxglove)
Echinops (Globe Thistle)
Euphorbia (Polychroma)
Gaillardia (Assorted Colors)
Geum (Assorted Colors)
Gypsophila (Baby's Breath)
Heliopsis (Large Golden Yellow Daisy)
Heuchera (Coral Bells)
Hibiscus (Mallow Marvels)
Hollyhock (Dbl. Assorted)
Hollyhock (Dbl. Scarlet)
Hollyhock (Dbl. Pink)
Hollyhock (Dbl. White)
Hollyhock (Canary Yellow)
Iberis (Sempervirens)
Iris Sibirica (Purple Iris)
Lathyrus (Sweet Pea)
Lavendula Vera
Lily of the Valley
Linum (Perennial Flax)
Lobelia (Cardinal Red)
Lupines (Russell's Hybrids)
Lychnis (Chalcedonica)
Lythrum (Roseum Superbum)
Monarda (Cambridge Scarlet)
Oenothera (Missouriensis)
Oriental Poppy
Phlox Subulata (Creeping) Wine Red
Phlox Subulata (Creeping) Pink
Phlox Subulata (Creeping) Blue
Phlox Subulata (Creeping) White
Phlox (Hardy Garden) Salmon Pink
Phlox (Hardy Garden) Deep Red
Phlox (Hardy Garden) Soft Purple
Phlox (Hardy Garden) Scarlet Orange
Phlox (Hardy Garden) Pure White
Phlox (Hardy Garden) White-Crimson Eye
Phlox (Hardy Garden) Soft Pastel Pink
Pachysandra (Terminalis)
Physalis (Chinese Lantern)
Physostegia (Pink Bouquet)
Platycoden (Assorted) Balloon Flower
Pyrethrum (Assorted) Painted Daisy
Scabiosa (Caucasica Blue)
Sedum (Spectabile Brilliant)
Shasta Daisy
Stokesia (Stokes Aster)
Sweet William (Assorted)
Tritoma (Red Hot Poker)
Valeriana (Crimson) Garden Heliotrope
Veronica (Blue)
Veronica (White)
Vinca Minor (Myrtle Ground Cover)

Hardy Garden Mum Collections

Collections—Rooted Cuttings—F.O.B. INDIANA

For Growers who are not familiar with Garden Varieties, but who want a well balanced assortment, we offer the following Collections which include the better varieties for each specific purpose.

MINIMUM COLLECTION 500.

COLLECTION No. 1
Taller Varieties for cuttings

COLLECTION No. 2
For bedding or borders

COLLECTION No. 3
50% for Cutting . . . 50% for Bedding

COLLECTION No. 4
Varieties for Spring Pots

COLLECTION No. 5
Cushion Varieties Only

COLLECTION PRICES PER 100

500 – 950	1000 – 5000	5000 up
$6.00	**$5.75**	**$5.50**

CHRYSANTHEMUMS and CARNATIONS

The production of **CHRYSANTHEMUM,** year around schedules cut flowers and pots, garden varieties plus cultural information are all in Vaughan's Mum Manual. Manual is usually mailed in January.
It also contains a complete listing of **CARNATIONS,** standard varieties, Novelties and Miniatures.

AZALEAS

FOR GROWING ON—APRIL-JUNE DELIVERY
KURUME AND PERICATE AND RELATED

ALASKA. White.

BARBARA GAIL. Dble. pink Pericat.

CORAL BELL. A beautiful, hose-in-hose pink; blooming early to mid-season.

***CORAL BELL SUPREME.** (Pat.) Larger than Coral Bell.

HAHN'S RED. (Mudders Kinstag).

HEXE. Brilliant red and very reliable mid-season to late.

HEXE DE SAFFALARE. Larger than Hexe.

HINODEGIRI. Compact grower, fiery red; blooming quite late.

HINODEGIRI DOUBLE. Dark pink.

LENTENGROOT. Red. Mid-season to late.

MARJORIE ANN. Bright salmon.

PINK SUPREME. Rose-pink sport of Mme. Pericat. Late flowering.

***RED WING.** Large fluffy red Pat. No. 1159.

SNOW. Hose-in-hose, pure white. Compact grower and late flowering.

SWEETHEART SUPREME. Double light salmon-pink, Mid-season to late.

	100	1000
3 inch Peat Pots. (This size available November thru June)	$25.00	$200.00
5x6 inch spread	50.00	450.00
6x8 inch spread	70.00	650.00
8x10 inch spread	90.00	850.00

Less than 250 plants of one variety take the 100 rate. 250 or more of one variety at 1000 rate.

*Coral Bell Supreme, Red Wing. 10c Extra royalty fee.

Minimum order 25 of one size and variety.

INDICAS—OWN ROOT

ALBERT & ELIZABETH. Pink & white. Midseason.

CALIFORNIA SUNSET. Large coppery red and white, early.

CANDYSTICK. Variegated Triumphe form, rose red with white variegation.

CHIMES. A brilliant red flower; strong grower. Early to Midseason.

DR. BERGMAN. Dark pink with darker veins. Midseason.

LOELIA ALBA. White. Midseason.

JEAN HAERENS. Double rose pink. Midseason.

MRS. JOHN HAERENS. White, red picotee edges.

VERVAENEANA. Rose.

VERVAENEANA ALBA. White.

	100	1000
3 inch Peat Pots. (This size available November thru June)	$35.00	$300.00
5-6 inch spread	70.00	650.00
6-8 inch spread	95.00	900.00

Minimum order 25 of one size and variety.

BEGONIAS

	Per 100
CORALLINE LUCERNE (TRUE ANGEL WING), 2¼"	$25.00
GENEVA SCARLET, 2¼", Double Scarlet	25.00
WHITE, 2¼", Double white	25.00
PINK BEAUTY, Double Med. pink	30.00
WESTPORT BEAUTY, 2¼", Double pink	25.00
REX. Mixed Choice Varieties	35.00
FIBROUS ROOTED EVER BLOOMING 2¼-inch. Named Varieties ... per 1,000, $125.00	$13.75

AZALEAS—FOR GROWING ON

This is only a listing of one growers stock. We ship from 6 growers and can supply your needs if you send us order stating size and delivery desired.

BEGONIAS
DOUBLE 2¼"—BRONZE FOLIAGE

Carlton Bazaar, Med. pink
Double Carmen, Pink
Fire Fly, Deep red
Pink Camellia, Pink
Red Camellia, Rose red
Robin Hood, Pink
Snowdrop, White
Toanstrone, Med. pink

	100
Minimum—50 Plants of any one variety	$30.00
Special collection, Minimum order 100 2¼" plants	25.00

CHRYSANTHEMUMS and CARNATIONS

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It also contains a complete listing of **CARNATIONS,** standard varieties, Novelties and Miniatures.

CARNATIONS

Hydrangeas
(FOB) BALTIMORE

All Prices per 100 Plants
In Units of 25 Per Variety

SPRING DELIVERY FOR GROWING ON

Pot Sizes →	Rooted Cuttings	3" 1 Shoot
Number of Shoots →		

GROUP–A — per 100

***Merritt's Blue**	**(M) A Good Blue**	$22.00	$45.00
Merritt's Pride	**(M) A New Red**		
Merritt's Supreme	**(M) Deep Pink**		
Red Cap	**Red**		
Monte Forte Perle	**(M) Carmine Red**		

GROUP–B — per 100

***Kuhnert**	**(M) Rose Pink**	18.00	35.00
***Merveille**	**(L) Light Red**		
***Red Star**	**(M) Brilliant**		
Regula	**(E) White**		
***Rose Supreme**	**(M) Rose Pink**		
Sister Therese	**(M) Best White**		
Strafford	**(M) Dark Pink**		
Todi	**(M) Dark Pink**		

DORMANT—FALL DELIVERY

Merritt's Blue—Pride—Supreme

	3" 1 shoot	4" 1 shoot	4" 2 or more	5" 3 or more
Per 100	$55.00	$70.00	$90.00	$120.00

Monte Forte Perle—Todi

Per 100	45.00	60.00	80.00	100.00

Hamburg—Merveille—Red Star
Kuhnert—Regula—Strafford
Sister Therese—Rose Supreme

Per 100	35.00	50.00	70.00	90.00

DORMANT BUDDED—F.O.B. URBANA, OHIO

DORMANT STOCK FOR EASTER AND MOTHER'S DAY FORCING

	4"		5" & 6"			
Strafford	1 Cane	2 Cane	2 Cane	3 Cane	4 Cane	5 Cane
Merveille	1 Cane	2 Cane	2 Cane	3 Cane	4 Cane	5 Cane
			5" Only			
Kuhnert	1 Cane	2 Cane	2 Cane	3 Cane	4 Cane	5 Cane
Rose Supreme	1 Cane	2 Cane	.....	.....	.....	.....
Engel's White	1 Cane	2 Cane	.....	.....	.....	.....

	Each Up to 100	Each 100 or more
1 Cane 4"	$ .50	$ .45
2 Cane 4"	.55	.50
2 Cane 5" & 6"	.70	.65
3 Cane 5" & 6"	.90	.80
4 Cane 5" & 6"	1.05	.95
5 Cane 5" & 6"	1.20	1.10

Packing and Delivery extra, but charged at cost. Orders shipped in pots will be charged as follows:

4"—3 cents 5"—5 cents 6"—6 cents

DORMANT BUDDED—F.O.B. KANSAS CITY

CARTON LOTS ONLY—25-4" plants in a carton; 50-3" plants in a carton; 16-5" plants in a carton.

GRADE	VARIETIES	EACH
3 inch—1 cane	**Rose Supreme Only**	$ .35
4 inch—1 cane	**Rose Supreme, Strafford & White**	.45
4 inch—2 cane	**Rose Supreme, Strafford & White**	.65
4 inch—3-4 cane	**Rose Supreme, Strafford & White**	.75
5 inch—3-4 cane	**Rose Supreme, Strafford & White**	.90

Vaughan's Foliage Plants

These listings of foliage plant sources are made for your convenience to eliminate several shipments of one order, as no one source grows a complete listing. Please indicate source when ordering.

Most growers will charge 50c per carton for packing. 25 at 100 rate. 250 at 1000 rate. On all orders for less than $10.00 from one source there will be a service charge of $1.00 except where noted otherwise.

SOURCE A—FOB CALIFORNIA

ROOTED CUTTINGS	100	1000
ACORUS VARIEGATED	$9.00	$80.00
ACUBA JAPONICA. Transplants	17.00	150.00
ARALIA SIEBOLDI	7.00	60.00
BUXUS Japonica (Boxwood)	7.00	60.00
EUONYMOUS. Media Picta Transplants. (Gold Spot) small leaves bright yellow with green border	7.50	65.00
Alba Marginata—grayish green leaves, white edge	7.00	60.00
Silver Queen—green leaves, white variegation	7.50	65.00
FATSHEDERA Lizei. R.C., 3-5" 3 lvs.	7.50	65.00
R.C. 5-8", 4-6 lbs	8.50	75.00
IVY		
California. Compact small green fan shaped leaves.	6.00	50.00
English.		
4-6 lvs. Transplants	4.50	35.00
2-3 lvs. R.C.	3.50	25.00
Glacier, Small ivory and green variegated (3M or more 10% quantity discount)	6.50	55.00
Gold Dust. Small golden yellow and green leaves	7.00	60.00
Grape Ivy. Transplants. Glossy green lvs.	7.50	65.00
Green Wave. Compact, small dk. green lvs. regular size	6.00	50.00
Heart Ivy. R.C. Transplants	7.50	65.00
Hahn's Branching. Small green leaves (3M or more 5% quantity discount)	4.50	35.00
Variegated. Medium sized leaves ivory and green (3M or more 10% quantity discount)	6.00	50.00
PITTOSPORUM TOBIRA—Small evergeren shrub 3-6".	6.50	55.00
Variegated. Transplants	8.50	75.00
PODOCARPUS Macrophylla. Transplants	6.00	50.00
SARCOCOCA RUSCIFOLIA. Very dark green, glossy leaves. Stands up very well inside—good for pots or planters	7.50	65.00
VERONICA BUXIFOLIA. Transplants	8.00	70.00

SOURCE B—($1.00 min. charge on all orders less than $20.00) FOB FLORIDA

PHILODENDRONS

Burgundy—New hybrid highly resistant to cold, "shot-gun fungus," and bacterial soft rot. Bronze red petioles, stems and new leaves. Excellent for totems or pots, URC, **40c;** R.C., **50c;** 3", **60c;** 4", **$1.00;** 6", **$1.75.**

MRL in foil, **75c.**

Emerald Queen—New hybrid Medium-sized hastatum-shaped leaves, very dark green, resistant to "shot-gun" spotting and bacteria. Excellent totem-pole item. URC, **25c;** R.C., **35c;** 3", 2pp **60c;** 4", 2pp, **85c.**

Florida—R.C., 2-4 lvs. BR for 2½", **25c;** 3" 2pp, **60c;** 4" 3 pp, **75c.**

Lacineatum—R.C., 2-4 lvs. BR for 2½", **25c;** 3" 2pp, **60c.**

Pittieri—3" 2pp, **50c.**

Selloum Type—BR for 2½", **15c;** 3", **40c;** 4", **75c.**

Selloum Type—Gal. Tin, **85c;** Gal. plastic, **$1.00;** Egg can, **$2.50.**

Trifolium—4" 3 pp, **75c.**

PHILODENDRONS—B.R. Seedlings: Large leaf varieties for dish gardens, two or more varieties, our choice, 250 minimum order—$150/1,000. For 3" and 4", **$25.00** per 100.

SOURCE B—Continued

PHILODENDRONS—Totem Poles: Includes Florida, Lacineatum, Pertussum, Hastatum hybrids, Emerald Queen and a few misc. varieties. Small plants around base. 5" plastic, 15" slab—**$1.00;** 6", 30" slab—**$2.00;** 8", 36" slab—**$4.50;.**

Burgundy—6", 30" slab—**$2.50;** 8", 36" slab—**$5.00.**

POTHOS WILCOXII—Selected highly, colored, R.C. 3-5 lvs., **$6.00** per 100; **$55.00** per 1,000; R.C. 2-4 lbs. 500 min. order; **$45.00** per 1,000, 2¼", **10c;** 2½, 2pp., **13c;** 3", 3pp, **18c.** Specify if desired in plastic or paper pots.

Totem Poles—all around. 5"-15" pole, **85c;** 6"-30" pole, **$1.75.**

MISCELLANEOUS:

AGLAONEMA

Pewter—3", **60c;** 4", **1.00;** 6", **$2.00.**

Pseudo-Braceteatum—Outstanding new introduction. Beautiful variegation on light green foliage. This is the true Pseudo-Bracteatum with white stems and petioles. R.C., **40c;** 3", **60c;** 4 in., **$1.00;** 6 in. 3 pp, **$2.00.**

Treubii—One of the best keepers under dark, adverse conditions. 3 in., **60c;** 4 in. full, **$1.00.**

CACTI, Thanksgiving—Blooms November through March. R.C., **10c;** 2½ inch, **25c;** 3 inch plastic, **35c.**

CHAMAEDORA Tenilla 3", **60c.**

NEW—**Cyanotis Kewensis "TEDDY BEAR"**—an unusual vining plant—close jointed with alternate fleshy leaves brown-green, purple underneath, covered with white hairs. Fine for dish gardens, hanging baskets. R.C., **10c;** 6" full, **$2.00.**

Euphorbia "Crown of Thorns", 3", 3 pp, **35c.**

HOYA CARNOSA Variegata—R.C., **12c;** 2¼" plastic, **18c;** 3", **25c.**

Silver Pink—new, dark green foliage, silver markings. R.C., **15c;** 2½", **25c.**

Unrooted single joint 2 eyes, **$4.00** per 100; **$35.00** per 1,000; 10,000 @ **$30.00** per 1,000.

PLATYCERIUM (Staghorn fern)—Standard varieties—Use as a hanging plant. Excellent for mounting on plaques or in baskets. 3 inch, **$1.50** (50 or more @ **$1.25**); 6 inch, **$3.25;** Redwood basket, **$5.00.** 6"x6" cypress plaque, **$1.75** (50 or more @ **$1.50**); 12"x12" cypress plaque **$4.00.**

TRADESCANTIA FUSCATA—Recent commercial introduction. Non-vining, rosette shaped, velvety textured, highly colored. Grows under very dark conditions without pulling to light or losing color. R.C., **20c;** 3 inch, **50c.**

TRICHOSPORUM Pulchrum—R.C., **7½c.**

Splendens—Medium sized waxy leaves, free flowering; bears a pendant head of tubular orange flowers. R.C., **15c;** 2½ inch, **25c;** 6 inch full pot, **$2.00.**

HANGING BASKET COMBINATION. 12" wire basket, **$3.00;** 12" Redwood basket, **$4.50.**

FOR GREEN THUMBS, COLLECTORS, AND CARRIAGE TRADE:

Aglaonema Pictum Tricolor—very rare; beautifully variegated leaf with three shades of green; slow, extremely tough—3", **$5.00.**

Alocasias—excellent selection of varieties—3" & 4", **$2.00;** 6", **$5.00.**

Anthurium Andreanum—3", **75c.**

Anthurium Scherzerianum—2¼", **$1.00.**

BROMELIADS (B-C)

POTHOS TOTEM POLE (B-N)

PODOCARPUS (E-F-L-V)

PHIL. MICANS (W-WF)

CACTUS (FC-K-TC)

BROMELIADS

These extremely versatile, hardy plants are now available in a wide range of varieties and at unbelievably low prices. Plants shipped may not be heavily rooted but will establish rapidly. Root areas may be wrapped with Spagnum or Osmunda and used immediately in pots or on driftwood. Always keep root area moist and center of plant filled with water.

AECHMEA Orlandiana 3", **75c.**

NEOREGELIA Carolinea "Marechalii"—2¼ in., **75c;** 3 in., **$2.00;** 4 in., **$4.00.**

HYBRIDS. Highly variegated, irregular pink to red markings. B.R. for 4", **$1.00** (50 or more @ **75c**); 4", **$1.50.**

VRIESIA Splendens ("Flaming Sword")—Dark green Bromeliad with dark horizontal bars which appear even on juvenile plants. 2¼ inch plastic, **75c;** 3 inch, **$2.00;** 4 inch, **$4.00.**

Collection of 20 Bromeliads bare-root—10 or more proven species and hybrids—**$25.00.**

Packing Information: Usually, the following are packed per carton:

2 inch—100	5 inch totems—9	Egg can—2
2½ inch—55	6 inch—6 to 10	R.C. 2 to 4 leaves—100 to 150
3 inch—35 and 50	6 inch totems—6	B.R. for 2½ inch—150 to 250
4 inch—18	8 inch totems—4	
B.R. Bromeliads—50	Gallon can—6	

ARECA PALM (O-U)

SOURCE C—(MIN. ORDER $20.00)—FOB FLORIDA

BROMELIADS

COLLECTIONS:

1. 20 plants bare root for 2½-5" at least 15 different..... **$25.00**
2. Above collection all mature specimens for..... **40.00**
3. 25 large plants bare root Neoregelia Mamorata & Spectabilis Hybrids for 4"-6" for..... **20.00**

	For 2½"	For 3"-4"	For 4"-6"
AECHMEA CHANTINII—White bands on purple	**$0.75**	**$1.00**	**$2.50**
Maginali—Leaves underside purple, green-top	**.60**	**.90**	**1.20**
BILLBERGIA Zebrina	**.35**	**.60**	**1.00**
NEOREGELIA Marmorata hybrid	**.50**	**.75**	**1.00**
Spectabilis hybrid	**.50**	**.75**	**1.00**
VRIESEA "MARIAE" hybrid. Beautiful long lasting bloom	**.75**	**1.50**	**2.50**
Splendens	**.75**	**1.50**	**2.50**

SOURCE D—FOB FLORIDA
PHILODENDRON TOTEM POLES (case lots only)

		Pot	Per Case	Each
Cordatum	30" round on bark-8pp	6"	8	**$2.00**
	40" round on bark-10pp	7"	6	**3.00**
	60" on bark-12pp	10"	2	**7.50**
Emerald Queen	30" one side on bark-3pp	6"		
Florida	30" one side on bark-3pp	6"		
Hastatum	30" one side on bark-3pp	6"		
Lacineatum	30" one side on bark-3pp	6"	6	**2.00**
Panduraforme	30" one side on bark-3pp	6"		
Pertussum	30" one side on bark-3pp	6"		
Pertussum	30" one side on bark-3pp	7"	6	**3.50**
Emerald Queen	36" one side on bark-4pp	8"		
Florida	36" one side on bark-4pp	8"		
Lacineatum	36" one side on bark-4pp	8"		
Panduraforme	36" one side on bark-4pp	8"	4	**5.00**
Pertussum	36" one side on bark-3pp	8"		
Emerald Queen	40" both sides on bark-6pp	9"		
Florida	40" both sides on bark-6pp	9"		
Hastatum	40" both sides on bark-4pp	9"		
Lacineatum	40" both sides on bark-6pp	9"	3	**7.50**
Pertussum	40" both sides on bark-4pp	9"		
AGLAOENEMA Schismatoglossis		3"	50	**.50**
		6"-3pp	6	**2.00**
		8"-3pp	4	**5.00**

SOURCE E—FOB FLORIDA
Packing Charge 50c Per Carton On All Orders Under $62.50

	Per Ctn	100
AGLAOENEMA Commutatum, 2¼", 4-8 lvs.		**$25.00**
Simplex (Chinese Evergreen), 3-5", 3-5 lvs., R.C.	500	**8.75**
4-6", 4-6 lvs., R.C.	500	**11.25**
5-7", 4-7 lvs., R.C.	200	**15.00**
6-8", 5-7 lvs., R.C.	200	**18.75**
8-10", 6-8 lvs., R.C.	200	**25.00**
12-15", 6-9 lvs., R.C.	200	**35.00**
2¼", 3-6 lvs.		**15.00**
Pseudo Bracteatum 4"		**50.00**
CALATHEA Mokoyana, 4" pot		**100.00**
6" pot (heavy suckered)		**200.00**
DIFFENBACHIA Amoena 4", 3-5 lvs.		**90.00**
R.C., 12-15"	100	**70.00**
Exotica, R.C., 3" size 6-10"	200	**30.00**
3", 4-6 lvs.		**50.00**
4", 5-7 lvs.		**75.00**
Picta R.C., 3" size 6-8"	200	**20.00**
3", 4-8 lvs.		**35.00**
4", 5-7 lvs.		**75.00**
Roehrsii, 3", 4-8 lvs.		**40.00**
R.C., 8-10"	200	**30.00**
DRACAENA Boringensis, R.C., 4-8"	250	**15.00**
Florida Beauty, R.C., 2-3 tiers	1000	**13.00**
Single 2¼", 2 tiers		**20.00**
3", 2pp		**40.00**
4", 3pp		**75.00**
Godseffiana, R.C., 2 tiers	1000	**10.00**
2¼", 4-6 lvs.		**15.00**
Sanderiana, R.C., 4-8"	250	**15.00**
2¼", 5-8 lvs.		**20.00**
MARANTA Kerchoveana, R.C., 3-5 lvs.	1000	**7.50**
2¼", 4-8 lvs.		**15.00**
3", 2pp		**20.00**
4", 3pp		**35.00**
NEPHTHYTIS Emerald Gem, R.C., 3-5 lvs.	500	**6.00**
R.C., 2-3 lvs.	1000	**4.50**
2¼", 4-7 lvs.		**10.00**
3", 3pp		**20.00**
Green Gold, R.C., 3-5 lvs.	1000	**6.00**
R.C., 2-3 lvs.	1000	**4.50**
2¼", 4-7 lvs.		**15.00**
3", 3pp		**20.00**
Imperial White, R.C., 3-5 lvs.	1000	**6.00**
2-3 lvs.	1000	**4.50**
2¼", 4-6 lvs.		**15.00**
3", 3pp		**20.00**
PALM Neanthe Bella, 2¼", 1pp		**15.00**
Seedling, 3-5 lvs.	1000	**5.00**
4", 8-12", 4pp		**50.00**
PEPEROMIA Marble, R.C., 3-4 lvs.	250	**6.00**
2¼"		**10.00**
Variegata, R.C., 3-5 lvs.	250	**10.00**
2¼", 5-8 lvs.		**15.00**
3", 1pp		**20.00**
Obtusifolia, R.C.	250	**6.00**
2¼", 5-8 lvs.		**10.00**
PHILODENDRON Cordatum, R.C., 3-5 lvs.	500	**6.00**
R.C., 2-3 lvs.	500	**4.50**
2¼", 3pp		**16.00**
3", 3pp		**20.00**
4", 4pp		**30.00**
Burgundy, 4", 1pp		**100.00**
Dubia, 4", 1pp		**40.00**
Emerald Queen, R.C., 3-5 lvs.		**15.00**
4"		**75.00**
Florida, 3", 2pp		**50.00**
4", 2pp		**75.00**
R.C., 3-5 lvs.	150	**25.00**
Hastatum, 3", 3-5 lvs., 1pp		**50.00**
4", 4-6 lvs., 1pp		**75.00**
4", 2pp		**75.00**
R.C., 3-5 lvs.	150	**20.00**
Panduriforme, 3", 6-8 lvs., 2pp		**50.00**
4", 8-12 lvs., 3pp		**75.00**
Baby, R.C., 3-5 lvs.	500	**10.00**
Med. R.C., 3-5 lvs.	250	**15.00**

SOURCE E—Continued

	Per Ctn	100
PHILO. Pertussum, 3", 4-5 lvs.		**$50.00**
4", 4-6 lvs. 1pp		**60.00**
4" doubles, 6-8 lvs.		**75.00**
8" 4pp		**250.00**
R.C., 3-5 lvs. med. large	25	**40.00**
R.C., 3-5 lvs. small med.		**30.00**
R.C., 3-4 lvs. miniature		**10.00**
PILEA Cadierei, R.C., 4-6 lvs.	500	**5.00**
2¼", 2pp		**15.00**
3", 3pp		**20.00**
PLANT COMBINATIONS, 3", 3pp		**20.00**
PODOCARPUS MAKI, 2¼"		**10.00**
R.C., 4-6" or 6-8"	1000	**5.00**
POTHOS Wilcoxii, R.C., 3-5 lvs.	500	**6.00**
2¼", 4-6 lvs.		**10.00**
3", 3 lvs.		**25.00**
Silver Marble, R.C., 3-5 lvs.	500	**10.00**
2¼"		**15.00**

	Per Ctn	100		Per Ctn	100
SANSEVIERIA Laurentii,					
4-6", 2 lvs.	500	**$7.00**	3-5 lvs.	500	**$12.50**
6-8", 2 lvs.	500	**7.00**	3-5 lvs.	500	**12.50**
8-12", 2 lvs.	500	**7.00**	3-5 lvs.	500	**12.50**
12-15", 2 lvs.	250	**7.00**	3-5 lvs.	250	**12.50**
15-18", 2 lvs.	250	**7.00**	3-5 lvs.	250	**12.50**
Zeylanica, 4-6", 2 lvs.	500	**4.50**	3-5 lvs.	500	**7.00**
6-8", 2 lvs.	500	**4.50**	3-5 lvs.	500	**7.00**
8-12", 2 lvs.	500	**4.50**	3-5 lvs.	500	**7.00**
12-15", 2 lvs.	250	**4.50**	3-5 lvs.	250	**7.00**
15-18", 2 lvs.	250	**4.50**	3-5 lvs.	250	**7.00**
Hahni, 2¼-2½" pot size					**8.00**
3" pot size					**10.00**
SCHEFFLERA, Seedlings, 4-6 lvs.				500	**5.00**
SCINDAPSUS PICTUS, R.C., 3-5 lvs.				500	**7.50**
2¼", 2pp					**20.00**
3", 4pp					**35.00**
4", 4-5pp					**50.00**

Packing 2¼"—100 per carton 4"—20 per carton 3"—50 per carton
6"— 9 per carton 8"— 4 per carton

PHILODENDRON—TOTEMS

	Item	Size	Per Case	Price Each
Pertussum	24" 3 plts.—One side of bark	6"	9	**$1.75**
	36" 6 plts.—Two sides of bark	8"	4	**7.50**
Burgundy	36" 6 plts.—Two sides of bark	8"	4	**7.50**
Emerald Queen	36" 6 plts.—Two sides of bark	8"	4	**7.50**
Dubia	36" 6 plts.—Two sides of bark	8"	4	**7.50**
X Unknown	36" 4 plts.—Two sides of bark	8"	4	**7.50**
(Hastatum some red, but tough)				
Panduraeforme	36" 6 plts.—Two sides of bark	8"	4	**7.50**

HASTATUM ON BARK (D-F-H-MA-S)

SOURCE F—FOB FLORIDA

	Pack Per Ctn.	Price Per C	Per M
AGLAONEMA (CHINESE EVERGREEN)			
3 to 5" 3/5 lvs. bareroot	250	$10.00	$100.00
4 to 6" 3/5 lvs. bareroot	250	15.00	145.00
6 to 8" 3/5 lvs. bareroot	200	20.00	190.00
2¼" Rd. pot 1 PPP 3/5 lbs.	72	16.00	150.00
DIEFFENBACHIAS Amoena 4" Rd. Pot 1 PPP	20	75.00	
Exotica Rooted cuttings 3/5 lvs.	250	15.00	145.00
2¼" Rd. Pot 1 PPP	72	20.00	
6" Rd. Pot 3 PPP	9	100.00	
Picta Rooted cuttings 3/5 lvs.	250	15.00	
2¼" Rd. Pot 1 PPP	72	20.00	
6" Rd. Pot 3 PPP	9	100.00	
Roehrsi Rooted cuttings 3/5 lvs.	250	15.00	
2¼" Rd. Pot 1 PPP	72	20.00	
6" Rd. Pot 3 PPP	9	100.00	
DRACAENAS Godseffiana 2¼" Rd. Pot 2 PPP 5/7 bracts per pot	72	18.00	175.00
Sanderiana Rooted tips 4-6" or 6-8" (Specify)	500	15.00	145.00
2¼" Rd. Pot 1 PPP 3/5"	72	16.00	150.00
3" Sq. Pot 1 PPP 6-8"	50	22.50	200.00
FERNS Boston Compacta 2¼" Pot size	200	15.00	140.00
Leatherleaf 3" Sq. Pot	50	30.00	250.00
FICUS Decora Rooted layers 6/8 lvs.	35	45.00	
Rooted layers 10/14 lvs.	35	50.00	
6" Rd. Pot 1 PPP	9	100.00	
Elastica Rooted Layers 5 lvs. and up	35	30.00	290.00
4" Rd. Pot 1 PPP	20	45.00	425.00
6" Rd. Pot 1 PPP	9	50.00	450.00
HOYA CARNOSA VARIEGATA Rooted cuttings	500	9.00	85.00
2¼" Rd. Pot 1 PPP	72	16.00	150.00
3" Sq. Pot 2 PPP	50	22.50	200.00
MARANTA KERCHOVEANA Unrooted tips 3/5 lvs. (Compact)	500	5.00	45.00
Rooted tips 3/5 lvs. (Nice compact plants)	500	7.50	65.00
2¼" Rd. Pot 1 PPP	72	11.00	100.00
2¼" Rd. Pot 2 PPP	72	17.50	150.00
3" Sq. Pot 2/3 PPP	50	22.50	200.00
NEPHTHYTIS Emerald Gem Propagating eyes	2,500		10.00
Rooted cuttings 2/3 lvs.	1,000	5.00	40.00
Rooted cuttings 3/5 lvs.	1,000	5.50	50.00
2¼" Rd. Pot 1 PPP	72	11.00	100.00
2¼" Rd. Pot 3 PPP	72	72.50	150.00
3" Sq. Pot 3/4 PPP	50	22.50	200.00
Green Gold Propagating eyes	2,500		10.00
Rooted cuttings 2/3 lvs.	1,000	5.00	45.00
Rooted cuttings 3/5 lvs.	1,000	6.00	55.00
2¼" Rd. Pot 1 PPP	72	11.00	100.00
2¼" Rd. Pot 3/4 PPP	72	17.50	150.00
3" Sq. Pot 3/4 PPP	50	22.50	200.00
PALMS Neanthe Bella Seedlings 1/2 lvs.	2,000	2.00	17.50
Seedlings 2/3 lvs.	1,000	3.50	30.00
Seedlings 3/5 lvs.	1,000	4.50	40.00
Transplants 3/5 lvs.	1,000	5.50	50.00
2¼" Rd. Pot 1 PPP	72	11.00	100.00
2¼" Rd. Pot 2 PPP	72	17.50	150.00
3" Sq. Pot 3/4 PPP	50	22.50	200.00
PEPEROMIA Green Unrooted tips 3/5 lvs.	1,000	3.50	30.00
Rooted tips 3/5 lvs. (medium size leaves)	250	6.00	55.00
2¼" Rd. Pot 1 PPP	72	11.00	100.00
3" Sq. Pot 2/3 PPP	50	22.50	200.00
Semi-Variegated (Webers) Unrooted tips 3/5 lvs.	1,000	4.50	40.00
Rooted tips 3/5 lvs.	250	6.00	55.00
2¼" Rd. Pot 1 PPP	72	11.00	100.00
3" Sq. Pot 3 PPP	50	22.50	200.00
Variegated Rooted tips 3/5 lvs. (med. size lvs.)	250	12.00	100.00
2¼" Rd. Pot 1 PPP	72	16.00	150.00
3" Sq. Pot 1 PPP	50	22.50	200.00

REX BEGONIAS (W)

FICUS DECORA (MA-H-S-V)

PHIL EMERALD QUEEN (B-E-F-N-S)

SOURCE F—Continued

	Pack Per Ctn.	Price Per C	Per M
PHILODENDRONS Cordatum Rooted cuttings #1 Choice 3/5 lvs.	400	6.50	60.00
Rooted cuttings #1 Regular 3/5 lvs.	400	5.50	50.00
Rooted cuttings #1 Medium 3/5 lvs.	400	5.00	45.00
Rooted cuttings #2 Medium 3/5 lvs.	500	4.00	37.50
R.C. Bed run (Graded) 2/5 lvs. (#2 and better)	500		35.00
R.C. Bed run Leaf and eye and up (approx. 11 M per bed)	500		32.50
2¼" Rd. Pot 3/4 PPP #1	72	17.50	160.00
2¼" Rd. Pot 4/5 PPP #2	72	14.00	130.00
3" Sq. Pot 4/5 PPP	50	22.50	200.00
4" Rd. Tub 5/7 PPP	24	40.00	375.00
4" Rd. Tub with 13" Fernwood Pole	24	50.00	450.00
5" Rd. Tub with 18" Bark	12	100.00	900.00
6" Rd. Pot with 24" Bark	6 or 9	150.00	
8" Rd. Pot with 36" Bark	4	400.00	
Propagating eyes	2,500		12.50

SOURCE F—Continued

	Pack Per Ctn.	Price Per C	Per M
PHILODENDRONS Dubia Rooted cuttings 3/5 lvs. (from cane-small)	200	17.50	150.00
3" Rd. Pot 1/2 PPP	45	50.00	450.00
4" Rd. Tub 1/2 PPP	24	65.00	600.00
5" Rd. Tub with 18" Bark 3/4 PPP	12	100.00	
6" Rd. Pot with 24" Bark 3/4 PPP	6/9	150.00	
Floridii Rooted cuttings 3/5 lvs. (tips)	200	25.00	225.00
3" Rd. Pot 2/3 PPP	45	55.00	500.00
4" Rd. Pot 3/4 PPP	20/24	70.00	650.00
5" Rd. Tub with 18" Bark 3/4 PPP	12	100.00	
6" Rd. Pot with 24" Bark 3/5 PPP	6/9	150.00	
8" Rd. Pot with 36" Bark 5/7 PPP	4	400.00	
Hastatum Rooted cuttings 3/5 lvs. 6/8" tall	200	17.50	150.00
Rooted cuttings 4/5 lvs. medium	150	22.00	200.00
Rooted cuttings 4" pot size	150	30.00	275.00
3" Rd. Pot 1 PPP	45	50.00	450.00
4" Rd. Pot 1/2 PPP	24	70.00	650.00
5" Rd. Tub with 18" Bark 3/4 PPP	12	100.00	
6" Rd. Pot with 24" Bark 3/5 PPP	6/9	150.00	
8" Rd. Pot with 36" Bark 5/7 PPP	4	400.00	
Panduriforme Propagating eyes	1,000	3.00	25.00
Rooted cuttings from eyes 3/4 lvs. small	500	8.50	75.00
Rooted tips 3/5 lvs. small	400	12.50	100.00
Rooted tips 3/5 lvs. medium	400	15.00	125.00
Rooted tips 4/6 lvs. large	250	20.00	175.00
2¼" Rd. Pot 2 PPP	72	17.50	150.00
3" Sq. Pot 2/3 PPP (for dish gardens) 6/10" tall	50	22.50	200.00
3" Rd. Pot 3/4 PPP (Florist grade) 10/12" tall	45	42.50	400.00
4" Rd. Tub 3/4 PPP 10/14" tall	24	45.00	425.00
5" Rd. Tub with 18" Bark 3/5 PPP	12	100.00	
6" Rd. Pot with 24" Bark 4/6 PPP	6/9	150.00	
8" Rd. Pot with 36" Bark 5/7 PPP	4	400.00	
Pertusum Propagating eyes	500	5.00	45.00
Rooted cuttings small 3/4 lvs. from eyes	200	12.00	100.00
Rooted tips in burlap, 2 plants, small	50	42.50	375.00
Rooted tips in burlap, 2 plts, 4" pot size	35	70.00	650.00
Rooted tips in burlap, 2 plts, 6" pot size	25	95.00	
3" Sq. Pot 1/2 PPP (for dish gardens)	50	20.00	
3" Rd. Pot 1 PPP (some character)	45	50.00	450.00
4" Rd. Pot 1 PPP (4 lvs. with character)	20	75.00	700.00
4" Rd. Pot 2 PPP (7-9 lvs. per pot w/")	20	100.00	950.00
5" Rd. Tub with 18" Bark 3 PPP	12	100.00	
6" Rd. Pot with 24" Bark 3/4 PPP	6/9	150.00	
6" Rd. Pot 2 PPP (ready for 30-36" Bark)	6/9	150.00	
8" Rd. Pot with 36" Bark 3/4 PPP	4	400.00	
8" Rd. Pot with 48" Bark 4/5 PPP	4	500.00	
Monstera Rooted cuttings from eyes (8-12" tall)	200	17.50	150.00
Rooted tip in burlap, Small 4" pot size	50	50.00	450.00
Rooted tip in burlap, medium 6" size—lvs 10"	25	100.00	
4" Rd. Pot 1/2 Pot 4/6 lvs.	20	90.00	850.00
6" Rd. Pot 2 PPP, 5/7 lvs. 10-14" wide	6/9	150.00	
8" Rd. Pot 2/3 PPP, 6/9 lvs. 12-14" wide	4	300.00	
PILEA Dwarf or Regular (Specify) unrooted tips 3/5 lvs.	1,000	3.00	25.00
Rooted tips 3/5 lvs.	1,000	5.00	45.00
2¼" Rd. Pot 3 PPP	72	17.50	150.00
3" Sq. Pot 3/4 PPP	50	22.50	200.00
Bronze Unrooted tips 3/5 lvs.	1,000	3.50	30.00
Rooted tips 3/5 lvs.	1,000	5.50	50.00
2¼" Rd. Pot 2/3 PPP	72	17.50	150.00
3" Sq. Pot 3/4 PPP	50	22.50	200.00
PODOCARPUS Maki Seedlings 4-6"	1,000	3.75	35.00
Seedlings 6-8"	500	4.25	40.00
2¼" Rd. Pot 1 PPP	72	11.00	100.00
2¼" Rd. Pot 3 PPP	72	17.50	150.00
3" Sq. Pot 3 PPP	50	22.50	200.00
POTHOS Wilcoxi Propagating eyes	2,500		12.50
Rooted cuttings 2, 5 lvs.	500	5.50	50.00
2¼" Rd. Pot 3/4 PPP	72	17.50	160.00
3" Sq. Pot 3/4 PPP (from tips rooted in pot)	50	22.50	200.00

These listings of foliage plant sources are made for your convenience to eliminate several shipments of one order, as no one source grows a complete listing. Please indicate source when ordering.

Most growers will charge 50c per carton for packing. 25 at 100 rate. 250 at 1000 rate.

SOURCE F—Continued

	Pack Per Ctn.	Price Per C	Per M
SANSEVIERIA Hahni Bareroot 2½" pot size	250	8.00	75.00
Bareroot 3" pot size	250	9.00	85.00
2¼" Rd. Pot 1 PPP	72	17.50	150.00
3" Sq. Pot 1 PPP	50	22.50	200.00
Laurenti 2/2½ lvs. 5-8"	250	6.50	60.00
2/2½ lvs. 8-15"	250	7.50	70.00
3/5 lvs. miniatures	200	10.00	90.00
3/5 lvs. 5-8"	200	11.00	100.00
3/5 lvs. 8" to 15" or up	200	11.00	105.00
2¼" Rd. Pot 3 or more lvs. 6-9" tall	72	16.00	150.00
3" Sq. Pot 3/4 lvs. 8-10" tall	50	22.50	200.00
5" Rd. Tub (full) 12-18" tall	12	75.00	
Zeylanica 2-2½ lvs. (bareroot)	250	4.50	40.00
2/2½ lvs. 8" up	250	5.00	45.00
3/5 lvs. 4-6" miniatures	200	6.50	60.00
3/5 lvs. 6-8"; 8-12"; 12-15" and up	200	7.50	70.00
2¼" Rd. Pot 1 PPP	72	11.00	100.00
3" Sq. Pot 4 or more lvs. 8-10" tall	50	22.50	200.00
5" Rd. Tub (full) 15" to 20" tall	12	60.00	550.00
SCHEFFLERA Seedlings 3/5 lvs. (Approx. 4-5" tall)	500	4.00	35.00
2¼" Rd. Pot 2 PPP	72	16.00	150.00
3" Sq. Pot 3/4 PPP	50	22.50	200.00
Gallon can 3/4 PPP	6/9	125.00	

DISH GARDEN ASSORTMENT Plants in 2¼" White, Round Plastic Pots @ **15c** each.

DRACAENA Godseffiana	2 PPP
DRACAENA Sanderiana	1 PPP
HOYA Carnosa Var.	1 PPP
MARANTA Kerchoveana	2 PPP
NEPHTHYTIS Emerald Gem	2/3 PPP
NEPHTHYTIS Green Gold	2/3 PPP
PEPEROMIA Green	2 PPP
PEPEROMIA Variegated	1 PPP
PEPEROMIA Semi-Variegated	1 PPP
PHILO. Cordatum	3/4 PPP
PHILO. Panduriforme	2 PPP
PILEA, Regular or Dwarf	3 PPP
PODOCARPUS Maki	3 PPP
POTHOS Wilcoxi	3/4 PPP
SANSEVIERIA Hahni	1 PPP
SANSEVIERIA Zeylanica	1/2 PPP
SANSEVIERIA Laurentii	1 PPP
SCHEFFLERA	2 PPP

THE FOLLOWING PLANTS MAY BE INCLUDED IN THE 2¼" ASSORTMENT @ 18c each.

DIEFFENBACHIA Exotica	1 PPP
DIEFFENBACHIA Picta	1 PPP
DIEFFENBACHIA Roehrsi	1 PPP

IN ORDERING 3", 4", 5", 6" or 8" POTS IN ASSORTED LOTS PLEASE KEEP THE FOLLOWING NUMBER PER CARTON IN MIND:

3" Rd. Pots.....45 per ctn.	5" Rd. Tubs.....12 per ctn.
3" Sq. Pots.....50 per ctn.	6" Rd. Pots.....6/9 per ctn.
4" Rd. Pots.....20 per ctn.	8" Rd. Pots.....4 per ctn.
4" Rd. Tubs.....24 per ctn.	

SOURCE FC—FOB FLORIDA

CACTUS

	Per 100
MINIATURE ASSORTMENT: 2¼" Plastic Pot. Packed 50-100 Per Case	**$17.00**
COLLECTORS ASSORTMENT: 2½" Plastic Pot. Packed 36-72 Per Case	**22.50**
SPECIMEN ASSORTMENT: 3" Plastic Pot. Packed 25-50 per case	**26.50**
FLORIDA COLLECTION: Bare Root. Minimum pack, 100 per case.	**10.50**

Shipments can be made to common points as St. Paul, Minneapolis, Austin, Minn., Milwaukee, Chicago, Detroit, Toledo, Jacksonville, Ill., Indianapolis, Springfield, Ill., South Bend, Elkhart, Ind., Fort Wayne, Louisville, Nashville, Atlanta, Ga., Cleveland, Akron, Canton, Youngstown, Alliance, Pittsburgh, Washington, Pa., Wheeling, W. Va., Charleston, W. Va., Boston, Mass., Providence, R.I., New York City, Albany, N.Y., Buffalo, N.Y., Rochester, Syracuse, and Utica, N.Y., Jersey City, N.J., Philadelphia, Baltimore, Richmond, Va., Hartford, Conn., and other adjacent common points via tropical plant truck carriers resulting in large transportation savings over express.

SCHEFFLERA (E-F-S-U-V)

GERBERA (I)

CALAMONDIN ORANGE (L-MA-S-V)

AURACARIA (T-U-V)

SOURCE G—FOB FLORIDA (carton lots only)

DRACAENA FLORIDA BEAUTY

This sport of Godseffiana is more highly colored than its parent and a faster grower.

	Per Carton	Per 100	Per 1000
UNROOTED CUTTINGS, 2-3 tiers	250 to 600		**$ 60.00**
LARGE UNROOTED, 8 to 10"	250 to 500		**100.00**
ROOTED CUTTINGS, 2-3 tiers	100 to 500		**90.00**
LARGE ROOTED, 8 to 10"	100 up	**$13.50**	**125.00**
2¼" pot, 2pp	60	**16.00**	**150.00**
4" pot, 4pp heavy	25	**60.00**	
CRYPTHANTHUS Rosea Picta, bare root		**$ 8.50**	**$ 75.00**
Zebrina, bare root		**13.50**	**125.00**
			100
CRYPTOBERGIA Rubra, 6-8", bare root			**$25.00**
SANSEVEIRIA Hahmii, 2¼-2½ pots, B.R.			**5.00**

SOURCE H—FOB FLORIDA

	10	100
ACUBA Japonica, R.C., 4-5 lvs.		**$ 15.00**
3" pot	**$ 4.50**	**40.00**
DRACAENA Fragrans, U.R.C. small (200 per ctn.)	....	**15.00**
4" pots	**4.50**	**30.00**
8" Each **$2.50**	....	....
Massangeana		
U.R.C. Small 4-5 lvs. (200 per ctn.)	....	**22.50**
U.R.C. Large 8-10 lvs. (200 per ctn.)	....	**25.00**
Rooted cuttings, 4-5 lvs. (200 per ctn.)	....	**30.00**
3" pots	**4.75**	**37.50**
4" pots	**7.50**	**65.00**
Warneckii, U.R.C. Small 8-10 lvs. (200 per ctn.)	....	**30.00**
R.C., 8-10 lvs. (200 per ctn.)	....	**37.50**
3" pots	**5.50**	**45.00**
4" pots	**7.50**	**65.00**
FICUS Decora, M.R.L., Regular 12-16 lvs.	**7.00**	**60.00**
M.R.L. Small, 6-10 lvs.	**5.00**	**45.00**
4" pots	**12.50**	**100.00**
8" pots, 4pp Each **$3.00**	....	....
Elastica, M.R.L., 6-8 lvs.	**4.00**	**35.00**
4" pots	**5.50**	**50.00**
8" pot, 4pp Each **$3.00**	....	....
Pandurata, M.R.L. (25 per ctn.)	**8.00**	**75.00**
4" pots	**12.50**	**100.00**
8" pots, 4 plants Each **$3.50**	....	....
PHILODENDRON Burgundy, 3"	**6.00**	**50.00**
4" Single	**9.00**	**80.00**
4" Double	**11.00**	**100.00**
Monstera, U.R.C. 3-5 lvs. (50 per ctn.)	....	**35.00**
R.C., 4-5 lvs. (50 per ctn.)	....	**40.00**
M.R.L., 4-6 lvs. (20 per ctn.)	**6.00**	**50.00**
4" pots Single	**8.00**	**75.00**
6" pots Double	**19.00**	**175.00**
8" pots Double Each **$2.50**	....	....
Hastatum		
U.R.C. Medium 4-5 lvs. (100 per ctn.)	....	**25.00**
R.C. Medium 4-5 lvs. (75 per ctn.)	....	**30.00**
M.R.L., 6-8 lvs.	**6.00**	**50.00**
3"	**4.50**	**40.00**
4" Single	**8.00**	**75.00**
4" Double	**10.00**	**95.00**
6" Specimen	**19.00**	**175.00**
Mandianum, U.R.C., medium 4-5 lvs. (100 per ctn.)	....	**25.00**
R.C., medium (75 per ctn.)	....	**30.00**
M.R.L., 6-8 lvs.	**6.00**	**50.00**
3" Pots	**4.50**	**40.00**
4" pots Single	**8.00**	**75.00**
4" pots Double	**10.00**	**95.00**
6" pots Double	**19.00**	**175.00**
Panduraeforme, R.C., Baby Pandas (200 per ctn.)	....	**10.00**
R.C., medium (150 per ctn.)	....	**12.50**
R.C., large (150 per ctn.)	....	**15.00**
3" pots, 2 plants	**4.50**	**40.00**
4" pots, 3 plants	**8.00**	**75.00**
Pertussum, U.R.C., 3-5 lvs. (50 per ctn.)	....	**35.00**
R.C., 4-5 lvs. (50 per ctn.)	....	**40.00**
M.R.L., 4-6 lvs.	**6.00**	**50.00**
4" pots Single	**8.00**	**75.00**
4" pots Double	**10.00**	**95.00**
6" pots Double Each **$1.75**	....	....
SPATHIPHYLLUM Kochii,		
R.C., 3-5 lvs.	**1.50**	**12.50**
4" pots, short	**8.50**	**75.00**

DRACAENA FRAGRANS POLES—with Cordatum base (2 per ctn.) Each **$3.50** ....

PHILODENDRON TOTEM POLES—Large Leaved—Cypress—1 side

	24"	36"	48"	60"
Each	**2.00**	**4.00**	**6.00**	**9.00**
Fernwood—2 sides				
Each	**2.25**	**7.50**	**11.00**	....

PHILODENDRON CORDATUM ON POLES—Cypress—2 sides

Each	**2.00**	**4.00**	**5.50**	....
Fernwood—2 sides				
Each	**2.25**	**4.50**	**5.75**	....

24"—9 per ctn.; 36"—4 per ctn.; 48"—2 per ctn.; 60"—1 per ctn.

SOURCE H—Continued

SANSEVEIRIA	Approx. Pack	Zeylanica 100	Zeylanica 1000	Laurentii 100	Laurentii 1000
6-9", 2 lvs.	275	$6.00	$50.00	$8.50	$75.00
6-9", 2-3 lvs.	250	7.00	60.00	9.50	85.00
6-9", 3-4 lvs.	200	8.50	70.00	11.00	100.00
9-12", 2 lvs.	250	6.50	55.00	9.00	80.00
9-12", 2-3 lvs.	225	7.50	65.00	10.00	90.00
9-12", 3-4 lvs.	200	9.00	75.00	12.00	110.00
12-15", 2 lvs.	225	7.00	60.00	12.00	110.00
12-15", 2-3 lvs.	200	8.00	70.00	13.00	120.00
12-15", 3-4 lvs.	170	9.50	80.00	14.00	130.00
15-18", 2 lvs.	170	7.50	65.00	13.00	120.00
15-18", 2-3 lvs.	125	8.50	75.00	14.00	130.00
15-18", 3-4 lvs.	125	10.00	85.00	15.00	140.00
18-24", 2 lvs	150	8.50	70.00	13.50	130.00
18-24", 2-3 lvs.	125	9.50	80.00	15.00	145.00
18-24", 3-4 lvs.	100	11.00	90.00	16.50	160.00

Packing 3"—50 per ctn. 6"—12 per ctn.
4"—25 per ctn. 8"— 4 per ctn.

GERBERAS

SOURCE I—FOB CALIFORNIA

Transvaal Daisies—California Hybrids

Available this season many new exotic colors blending with the soft pastel tones. Large flowers borne on sturdy stems and heavy bloomers flowering over a long period of time. These California Hybrids are by far the finest Gerberas available.

Grown as potted plants they commence flowering in 3 months from bare root or from peat pots in about 2 months. Started in the fall they can be used as cut flowers during the winter and selling them during spring as flowering plants for the garden.

BARE ROOT	100	1000
Hybrid Duplex, 1 to 2 eye	$14.00	$125.00
2 to 3 eye	18.00	160.00
Jumbo, 3 to 5 eye	25.00	220.00
Hybrid Double (Approx. 75% Dbles., balance Hybrid Duplex)		
9 mo. old flowering size	14.00	125.00
1 to 2 eye	20.00	180.00
2 to 3 eye	25.00	235.00
Jumbo 3 to 5 eye	35.00	320.00

(MINIMUM ORDER BAREFOOT—100 PLANTS)

You may combine Duplex and Doubles to equal 250. 250 takes 1,000 rate

GERBERAS—PEAT POTS 1¾"

Hybrid Duplex, 1¾" $20.00 $19000

(MINIMUM ORDER PEAT POTS—100 PLANTS

PHILODENDRON LACINEATUM on bark 2 sides (D)

SOURCE K—FOB CALIFORNIA

CACTI and SUCCULENTS MINIATURE FOLIAGE PLANTS For Dishgardens and Novelty Planting

Collection No.		100	1000
A	**ALL-PURPOSE STANDARD.** Cacti and Succulents; ten or more standard varieties in uniform good selection for general dish garden work or individual 2 to 2½-in. pots	$ 6.00	$50.00
B	**ALL-PURPOSE SUPERIOR.** Cacti and Succulents; includes the better, more durable and showier types of Succulents and Cacti, in 15 or more varieties. This is our most favored all around commercial assortment	7.00	60.00
C	**ALL-PURPOSE CHOICE.** Cacti and Succulents; limited to the more valuable, hard Succulents and most desirable Cacti, selected for keeping quality, odd shape and beauty	9.00	80.00
F	**MINIATURES.** Cacti and Succulents for tiny pots and miniature bowls	4.50	35.00
G	**MAMMOTH.** Cacti and Succulents; the Standard assortment in larger sizes; branched, eared and generally showier plants—for larger arrangements or 2½-3-4 inch pots	15.00	
H	**ALL-SUCCULENT ECONOMY,** ten or more varieties, useful and showy—an economical and colorful filler	5.00	40.00
K	**ALL-SUCCULENT FANCY,** the harder, slow-growing and fancy types of Succulents specially selected for best keeping quality, oddity as well as color	8.00	70.00
M	**ALL-CACTUS COMMERCIAL,** mostly Opuntias and Cereus—pad and column types—for a good showing at a low price	7.00	60.00
N	**ALL-CACTUS SELECT,** various types of Cacti from cuttings and seedlings; globular, branched, eared, padded and columnar varieties in best selection	9.50	
P	**SUNSET COLLECTION** for fanciers; fifty named varieties of Cacti and other Succulents such as Euphorbias, Haworthias, Echeverias, etc., and including all leading forms	9.50	
S	**SUB-TROPIC DIXIE ASSORTMENT,** as favoured in New York, small foliage plants with compatible Succulents and Sansevierias	9.00	77.50
T	**TERRARIUM ASSORTMENT.** Miniature foliage plants with Succulents suited to Glass Gardens	6.50	
V	**SMALL FOLIAGE PLANT ASSORTMENT.** Usually made up of Billbergias, Variegated Ivy, Philodendron, Peperomia, Boxwood, Cryptanthus, Euonymus or similar plants suitable for Dish Gardens	10.00	87.50
PP	**POTTED PLANT ASSORTMENT,** in 2¼" plastic pots, light-weight planter mix. 10 varieties Cacti and Succulents labeled. Carton lots only	17.00	

SOURCE X—FOB FLORIDA (Carton lots only)

	Ctn. Pak	Per 100	Per 1000
DIEFFENBACHIA Picta 4"	25	$ 60.00	
Roehrsi 4"	25	60.00	
FICUS Pandurata M.R.L.	20	75.00	
6"	9	125.00	
Decora, M.R.L., 10-14 lvs.	25	45.00	
6"	9	100.00	
PEPEROMIA Obtusifolia Variegata			
R.C.	100	12.00	
2¼"	50	18.00	
PHILODENDRON Cordatum			
R.C., #1 3-5 lvs.	500		$ 55.00
R.C., #2 3-5 lvs.	500		45.00
2½", 3-4 plants per plastic pot	100	18.00	
4", 8-10 vines per pot	24	60.00	

CROTONS—DIEFFENBACHIAS—POTHOS R.C.

The above should not be ordered for shipment from October thru the winter months as they will not stand temperatures below 40°F., unless shipments can be made via Johnny Brown Tropical Carriers.

ARAUCARIA EXCELSA, LILLIANI:

SOURCE T—FOB FLORIDA

SEEDLING TREES in 6" pots. Packed 9 per carton **$13.50** per carton
ROOTED TIPS in 6" pots. Packed 9 per carton **18.00** per carton

4" PHILODENDRON Panduriforme (E-F-H-Z) 3"

SOURCE L—FOB FLORIDA

	Each	100
CALAMONDIN ORANGE		
Gallon with fruit, 15-18"	$1.75	
Gallon with fruit, 10-12"	1.25	
3 gal. Lerio can. Bushy—20-24" with fruit	3.00	
3 gal. Lerio, Bushy, 30-36" with fruit	4.00	
LEMON VARIEGATED. Highly variegated foliage of light green and yellow markings. Leaves crinkle and are slightly curved. Blooms periodically. Blooms are fragrant and white producing variegated fruit the size of commercial lemons—very attractive, 3 gal. Lerio. 3-4" Standard with small fruit	4.00	
FATSHEDERA Lizei. A bi-generic hybrid between Fatsia and Hedera. Semi-climbing vine or shrub with large glossy green leaves.		
2½ inch		$25.00
6"-12"-15"—3pp	1.00	
6"-18"-24"—3pp	1.50	
2 gal. 30-36" 3pp	3.00	
PALM LIVISTONIA (Chinese Fan)		
Gallon can 12"-15" 4-6 lvs.	1.25	
Egg Can 24"-30" 8-10 lvs.	3.50	
PHOENIX ROEBELENI		
2½" pot		25.00
Plantainer—12-18"	1.25	
Egg can—24"-30"	3.50	
Egg can—36-42"	4.50	
Egg can—36-42" Two trunks	6.00	
PHILODENDRON Selloum.		
Plantainer—1pp		75.00
Plantainer, 2pp		90.00
Egg can &/or Lerio can—2pp, 24"-36"	2.50	
SCHEFFLERA. Plantainer—12"-15", 3pp		75.00
Plantainer—18"-24", 3pp	1.00	
PODOCARPUS MAKI 2½"		20.00
3 Gal. Height 20-24", Columnar	3.00	
3 Gal. Height 30-36", Columnar	4.50	
PITTOSPORUM Tobira Green 2½"		20.00
Plantainer—Fancy, 12"-15"	1.00	
3 Gallon Lerio 18"-24"	2.50	

Packing: 2½" pots .. **50 plants** **Packing Charge: $ .50 per carton**
4" pots ..... **24 plants** **on 4" pot through**
Plantainer (Gallon) . **9 plants** **Egg Can**
3-Gal. Lerio or Egg .. **2 plants**

SOURCE M.A.—FOB FLORIDA

	Per 100	Per 1000
CALAMONDIAN ORANGE (carton lots only) 6″ heavily fruited, each **$1.60** (per ctn. **$14.40**)		
DRACAENA Florida Beauty 2½″	**$16.00**	**$150.00**
3″	**22.00**	**200.00**
DRACAENA Sanderiana R.C.	**13.50**	**125.00**
2½″	**16.00**	**150.00**
4″ (4PP)	**45.00**	**437.50**
Warnecki 4″ 1PP	**45.00**	**437.50**
DIEFFENBACHIA		
Exotica 3″	**32.50**	**312.50**
FICUS Decora M.R.L. 10-16 lvs. (25 per ctn)	**47.50**	
5″ pot 15-18″ tall (12 per carton)	**75.00**	
6″ pot 24-36″ tall **Each $1.00**		
FITTONIA Verschaffe tii (Red Veined) 3″	**32.50**	**312.50**
Argyroneura (White Veined) 3″	**22.00**	**200.00**
HOYA Carnosa (Wax Plant) variegated 3″	**22.00**	**200.00**
NEPHTHYTIS Green Gold R.C.	**5.50**	**50.00**
2½″ (2 PP)	**16.00**	**150.00**
3″ (3PP)	**22.00**	**200.00**
4″ (4-5 PP)	**45.00**	**437.50**
Emerald Gem R.C.	**5.50**	**50.00**
2½″ (2PP)	**16.00**	**150.00**
3″ (3 PP)	**22.00**	**200.00**
4″ (4-5 PP)	**45.00**	**437.50**
MARANTA Kerchoveana 2½″	**16.00**	**150.00**
4″ (full pot)	**45.00**	**437.50**
NEANTHE Bella (Dwarf Palm) 2½″	**16.00**	**150.00**
PEPEROMIA Obtusifolia U.R.C. (Packed 500)	**4.00**	**32.50**
2½″	**16.00**	**150.00**
PLANT Combinations 3″ (3 PPP)	**22.00**	**200.00**
4″ (5-6 PP)	**45.00**	**437.50**
PILEA (Dwarf Aluminum) 2½″ (2 PPP)	**16.00**	**150.00**
PHILODENDRON Cordatum		
R.C. 2-3 Leaf	**5.00**	**43.75**
R.C. 3-5 Leaf	**5.50**	**50.00**
R.C. 4-6 Leaf	**6.50**	**57.50**
2½″ (2 PPP)	**16.00**	**150.00**
2½″ (3 PPP)	**18.50**	**175.00**
3″ Pots (3-5 PP)	**22.00**	**200.00**
4″ Pots (6-8 PP)	**45.00**	**437.50**
Emerald Queen 4″ (2-3 PP)	**45.00**	**437.50**
Panduraeforme		
R.C. 4-6 Leaves, 12-18″ Tall	**24.00**	**225.00**
R.C. 3-5 Leaves, 10-15″ Tall	**20.00**	**187.50**
4″ (2-3 PPP)	**45.00**	**437.50**
Imp. Velvet Leaf (MICANS), 2½″ (2 PPP)	**20.00**	**187.50**
R.C.	**7.00**	**60.00**
POTHOS YELLOW FLAME		
2½″ (2 PPP)	**16.00**	**150.00**
2½″ (3 PPP)	**18.50**	**175.00**
3″ (3-5 PP)	**22.00**	**200.00**
4″ (6-8 PP)	**45.00**	**437.50**
Marble Queen		
2½″ (2 PPP)	**18.50**	**175.00**
3″ (3 PPP)	**22.00**	**200.00**
SANSEVIERIA Hahni (Rotted Plants)	**7.00**	**62.50**
2½″	**16.00**	**150.00**
Zeylanica, 2½″	**16.00**	**150.00**
3″	**22.00**	**200.00**
4″ (full pot)	**45.00**	**437.50**

5″ POTS—18″ POLE

Packed 12 per case. May be assorted to Carton.

PHILODENDRON Cordatum Totems (18″ Fernwood) ..... **$1.00 ea.**
Large Leaf Totems (18″ Bark) ..... **1.00 ea.**
Large leaf varieties as **Hastatum, Panda, Emerald Queen** and **Pertusum** on front and small leaved plants on back of bark.

6″ POTS—24″ POLE

Packed 9 per case.

PHILODENDRON Cordatum Totems (24″ Fernwood) ..... **$1.50 ea.**
Large Leaf Totems—24″ bark ..... **1.50 ea.**
Large Leaf varieties as **Panda, Hastatum, Emerald Queen** and **Pertusum** on front. Small leaved plants on back of bark.

7″ POTS—30″ POLE

Packed 6 per case. May be assorted to Carton.

DRACAENA Massangeana Totems 30″ high ..... **$4.50 ea.**
(Cordatum and Nephthytis on base)
PHILODENDRON Cordatum Totems (30″ Fernwood) ..... **2.50 ea.**
Large Leaf Totems (30″ Bark) ..... **2.50 ea.**
Large leaf varieties as **Panda, Emerald Queen** and **Pertusum** on front and small leaved plants on back of bark.

8″ POTS—36″ POLE

Packed 6 per case.

PHILODENDRON CORDATUM Totems (36″ Bark) ..... **$3.75 ea.**
Large Leaf Totems (36″ Bark) ..... **3.75 ea.**
Large leaf varieties as **Pertusum, Panda,** and **Emerald Queen.**

2½ inch, assorted as wanted 50 per Carton—3 inch, assorted as wanted 50 per Carton—4 inch, assorted as wanted 22 per Carton—6 inch 9 per Carton

SOURCE W—FOB FLORIDA

	100	1000
PHILODENDRON Cordatum		
R.C. #1 (500 per ctn.)	**$ 6.50**	**$60.00**
R.C. #2 (500 per ctn.)	**5.00**	**47.00**
2¼″ (2 pp)	**15.00**	
Emerald Queen 4″ (2 pp)	**50.00**	
Large rooted tips 4-6 lvs.	**25.00**	
Lacineatum 4″ (2pp)	**75.00**	
R.C. 6-8″	**32.50**	
De Werthi 6″ large self header ..... Each **$2.00**		
Micans 2¼″ (2 pp)	**22.50**	
R.C. (Velvet Leaf)	**7.50**	**70.00**
Panduraeforme (Fiddle Leaf) Rooted tips, 12-15″	**25.00**	
Rooted Tips 6-10″	**15.00**	
4″ (2-3 pp)	**50.00**	
Pertussum M.R.L. (1 & 2 per mossing) 25 per ctn.	**75.00**	
DIEFFENBACHIA Picta—Green and "spotted" with		
white—4″	**32.50**	
—2¼″	**20.00**	
*6″ 3 pp ..... Each **$1.25**		
Roehrsi—Chartreuse base edged with dk. green		
—3″	**40.00**	
2¼″	**25.00**	
*6″ 3 pp ..... Each **$1.50**		
Exotica—New-Splashed white—3″	**37.50**	
2¼″	**20.00**	
*6″ 3 pp ..... Each **$1.50**		
PEPEROMIA Green R.C.	**6.25**	
Variegated R.C.	**10.00**	

PACKING: 2¼″—100 per case. 3″—25 or 50 per case. 4″—20 per case. 6″—9 per case. Peps. R.C.—250 per case. Cordatum & Micans R.C. —500 per case. *Available Midsummer Only.

REX BEGONIAS

	100
Finest assortment available from specialists collection.	
2¼″ in assortment	**$35.00**
4″ in assortment	**75.00**

2¼″—50 per case. 4″—20 per case.

SOURCE O—FOB FLORIDA

	Per lineal ft.
DRACAENA MARGINATA,	
Single Stem, several heads. Egg Can, 3′ to 8′, **Grotesque**	**$1.00**
Single Stem, several heads. Egg Can, 3′ to 8′, **Natural**	**.85**
Multiple Stems, several heads. Egg Can, 3′ to 8′, **Grotesque**	**1.00**
Multiple Stems, several heads. Egg Can, 3′ to 8′, **Natural**	**.85**

*Note: State whether single stem or multiple stems are desired when ordering; also how many heads and overall height wanted.

Stricta, Gal. Can ..... **1.00 each**
Egg Can ..... **2.50 each**
PALM Areca, Egg Can—3′ ..... **3.00 each**
Egg Can—4′ ..... **4.00 each**

SOURCE S—FOB FLORIDA

	Each	100	1000
AGLAONEMA PEWTER, 5″, 2 pp. (green petiole)		**$75.00**	
6″ 3pp	**$1.25**		
CALAMONDIN ORANGE			
6″ plastican fruited (9 per carton)	**$1.25**		
Egg can fruited	**2.50**		
CHAMAEDORA TENELLE 5″		**75.00**	
DIEFFENBACHIA Exotica, R.C. 4-5 leaves		**15.00**	
R.C. large		**35.00**	
3″ pot 2pp		**35.00**	
5″ pot 3pp		**75.00**	
6″ 3pp	**$1.00**		
DRACAEANA Firebrand—Bare root		**18.00**	
3″ pot		**30.00**	
FICUS DECORA, M.R.L. (33/ctn.) (500 or more **45.00** per 100)		**50.00**	
NEANTHE BELLA Palm			
(500 or more at 1000 rate) Transplants 3-5 lvs.		**6.00**	**$ 50.00**
5″ 6pp		**75.00**	
6″ 9pp	**$1.25**		
PHILODENDRON			
Dubia, 5″ pot, 2 pp		**75.00**	
6″ pot, 3 pp	**$1.25**		
Bare root, medium		**25.00**	
Emerald Queen, 5″ 2pp		**75.00**	
6″ 3pp	**$1.25**		
Bare root medium		**25.00**	
Hastatum, 5″ pot, 2 pp		**75.00**	
6″, 3 pp	**$1.25**		
Bare root medium		**25.00**	
Pertussum, 5″ pot, 2 pp		**75.00**	
6″ pot, 3 pp	**$1.25**		
ASSORTED LARGE LEAF PHILODENDRON ON BARK:			
6″ Pots, 24″ Packed 9 per carton	**$1.50**		
7″ Pots, 30″ Packed 6 per carton	**2.50**		
8″ Pots, 36″ Packed 4 per carton	**3.50**		
10″ Pots, 48″ Packed 2 per carton	**5.00**		
12″ Pots, 60″ Packed 1 per carton	**7.50**		
RHOEO DISCOLOR VITTATA 5″ 1 pp		**75.00**	
6″ 1pp	**$1.25**		
SCHEFFLERA SEEDLINGS (500 or more at M rate)		**6.00**	**50.00**
2½″ 3pp		**20.00**	
6″ pot, 4 pp	**$1.00**		
8″ 6pp	**2.00**		
Egg can	**3.50**		
10″ plastic	**4.00**		

Seed — $4.50 per 1000

Packing—2½″—50 per carton. Egg cans—2 per ctn.
3″—50 per ctn., 6″—11 per ctn.
4″—25 per ctn., 8″—4 per ctn.
5″—16 per ctn., 10″—2 per ctn.

SOURCE U—FOB FLORIDA

	Pack	Each	100
ARAUCARIA, Egg Can—4' to 4-5 tier	2	$7.50	
PHILODENDRON BURGUNDY: MRL—4 to 5 lvs.	25		$60.00
Emerald Queen:			
MRL—4 to 5 lvs.	50		60.00
48"—4 plants	2	6.00	
36"—4 plants	4	4.00	
30"—4 plants	9	2.50	
Pertusum on Bark			
30"— 6" pot 3 to 4 plts	9	2.50	
36"— 8" pot 4 plts	4	4.00	
48"—10" pot 4 plts	2	6.00	
60"—10" pot 4 plts	2	8.50	
72"—12" pot 4 plts	1	13.50	
M.R.L.—3 to 5 lvs	50		60.00
Panduraeforme on Bark			
30"—6" pot	9	2.50	
24"—6" pot	9	1.75	
Panduraeforme on Poles			
48"—10" pot 6 to 8 plts	2	2.00	
36"—8" pot 6 to 8 plts	4	4.00	
24"—6" pot 6 to 8 plts	9	1.75	
4"—pot 3 plts	25		75.00
3"—pot 2 to 3 plts	50		45.00
Baby Panda	150		10.00
SCHEFFLERA			
Egg Can—3 plts. 4 to 5 ft.	2	3.50	
ARECA PALMS			
Egg Can—6 to 8 ft.	Bag	6.00	
Egg Can—4 ft.	0	4.00	
Seedlings	0		20.00
CLUSEA ROSEA			
Egg Can—4 plts. 3 to 4 ft.	2	3.00	
6" pot—2 plts. 12" to 18"	9		75.00
PODOCARPUS			
Egg Can—4 to 5 ft.	2	4.00	
ARALIA Elegantissima			
4 to 5 ft.	2	5.00	

SOURCE V—FOB FLORIDA

	Packing Per ctn.	Each	Per 100
FICUS DECORA, M.R.L., 10-16 lvs. (Single orders of 500 or more **$45.00** per 100)	25		$ 50.00
FICUS DECORA, Egg Cans—3 ppp		$ 2.00	
FICUS DOESCHERII, M.R.L. (June until Nov.)	25		60.00
Egg Cans—3 ppp		1.50	
CALAMONDIN ORANGE, Gallon Cans Fruited	9	1.75	
Egg can, Fruited	2	4.00	
NEANTHA BELLA PALMS			
6", 6-8 pp	9	1.25	
PINEAPPLE 4" w/fruit	24	1.00	
5" w/fruit	15	1.50	
6" w/fruit	9	1.75	
PITTOSPORUM Green, Egg Can	1	3.50	
PODOCARPUS, Egg Cans—3 ppp	2	5.50	
POTHOS, 3", 3-4 ppp	48		17.50
Marble Queen 3", 3-4 pp	48		17.50
SCHEFFLERA Egg can, 3½-4"–3pp	2	3.00	

SOURCE WF—FOB FLORIDA

	Per Ctn.	Per 100	Per 1000
DIEFFENBACHIA AMOENA, Bare root, 3-4 lvs., 8-12"	50	$35.00	
U.R. Tips for 5" or 6" pots	35	55.00	
Rooted Tips in 3" pots, for 6" pots	25	65.00	
Cane grown plants 4" pots, for 5" or 6" pots	25	65.00	
PHILO. CORDATUM R.C., #1 Grade, 3-5 lvs	500		$ 50.00
R.C., #2 Grade, 2-4 lvs.	500		45.00
Micans (Bronze Beauty) R.C. ,3-4 lvs.	500	6.00	55.00
PERTUSUM M.R.L. Tips, 4-5 lvs.	50	50.00	
POTHOS GOLDEN, R.C., 2-4 lvs., excellent quality	500	45.00	

SOURCE WT—FOB TEXAS

	100	1000
PHILODENDRON Cordatum R.C. 3/5 lvs., #1 SIZE (500 to a carton-approx. 38 lbs./ctn.)		$ 50.00
#2 SIZE R.C. 2/3 lvs. (500 to a carton-approx. 28 lbs./ctn.)		37.50
3"-3-5pp plastic pot, 50 per ctn.	$25.00	
DIEFFENBACHIA Amoena U.R. Tip cuttings 5-8 lvs. for 6" pot. 35 per ctn.	70.00	
Rooted Tips, in 4" paper pot ready for 6 in, 20 per ctn.	75.00	
Wrapped in foil and moss, 20 per. ctn.	65.00	
POTHOS 3"-3-5pp plastic pot 50 per ctn.	25.00	

Minimum shipment 1 carton. Packing charge 50c per carton

SOURCE Z—FOB FLORIDA

	Per Ctn.	100	1000
AGLAONEMA Simplex (Chinese Evergreen)			
R.C. 6-8" tall, 4-6 lvs.	300	$14.50	$125.00
8-10" tall, 5-7 lvs.	250	17.50	157.00
10-12" tall, 6-8 lvs.	200	21.00	187.50
12-14" tall, 6-8 lvs.	200	27.00	250.00
14-20" 8-10 lvs.	100	35.00	300.00
Jumbo, 8-10 lvs	75	40.00	350.00

BEGONIA SERRATIPETALA "Pink Spot"

A beautiful, ornamental species, fibrous-rooted, freely branching with arching stems carrying small, shiny, frilled, pleated, deeply lobed and doubly toothed leaves in dark olive green with iridescent deep pink to red spots; deep pink flowers.

Name refers to the red-toothed petals of the female flower.

		Per 100
2½" sq. plastic	70 per ctn.	$18.00

Minimum order 2 cases or in combination

DIEFFENBACHIA Exotica, R.C. 6-8" 4 lvs. up	300	15.00	120.00
8-10" 4 lvs. up	200	20.00	175.00
10-12" 5 lvs. up	200	30.00	250.00
MARANTA Kerchoveana R.C. Med. lvs.	300	8.50	75.00
URC	500	6.50	55.00
NEPHTHYTIS Green Gold, R.C., 3-5 lvs.	500	6.50	55.00
Emerald Gem, R.C., 3-5 lvs.	500	6.50	55.00
PALMS, Neanthe Bella (Transplants) 3-5 lvs., 4-8"	2000	6.50	60.00
PEPEROMIA Marble, R.C., 3-5 lvs.	250	9.00	65.00
U.R.C., 3-4 lvs.	500	7.00	45.00
Obtusifolia, U.R. Tips	500	4.00	35.00
R.C., 3-5 lvs.	250	6.00	55.00
PHILODENDRON Cordatum, R.C. #1, 3-5 lvs.	400		55.00
R.C. #2, 2-4 lvs. (Nov. 1-Apr. 1)	500		42.50
R.C. #2 (Apr. 1-Nov. 1)			37.50
Propagating Vines Select Grade	1200		12.00
Emerald Queen, R.C., 3-6 lvs.*	100	40.00	350.00
U.R.C. 3-5 lvs.	150	30.00	250.00
Floridii, R.C., 3-5 lvs*.	100	35.00	325.00
U.R.C., 3-5 lvs	150	27.50	250.00
Panduraeforme, R.C., 4-6 lvs.*	250	12.50	
R.C., 4-8 lvs. med.*	250	15.00	
R.C., 4-8 lvs. lge.*	200	19.00	
R.C., 4-8 lvs. (ready for bark)*	125	25.00	
PILEA (Aluminum Plant-Regular), U.R. Tips	750	3.00	25.00
Rooted Tip Cuttings	500	5.00	45.00
Dwarf—Self branching, U.R. Tips	750	3.00	25.00
Rooted Tip Cuttings	500	5.00	45.00

SOURCE Z—Continued—FOB FLORIDA

	Per Ctn.	100	1000
SANSEVIERIA Hahnii, (Bare Root) for 2½" pot	100	$ 8.50	$ 75.00
For 3" pot	100	10.00	80.00
****Laurentii,** 2 lvs. all sizes	300	9.50	75.00
4-6"; 6-8"; 8-12"; 15-18, 3-5 lvs. up	250	13.00	110.00
18-24" tall, 3-5 lvs. up	75	14.00	120.00
****Zeylanica,** 4-6"; 6-9"; 9-12", 2 lvs.	500	5.00	40.00
4-6"; 6-9"; 9-12"; 12-20"; 3-5 lvs.	250	7.00	60.00
SCHEFFLERA Seedlings	1000	6.00	50.00

500 PLANTS TAKE 1,000 RATE

**A charge of 1c per plant for extra costs on sizes other than listed
*Four weeks for delivery.

2¼" **CLAY POTS** Specify if wanted in clay or paper cups as you save if by express to specify paper cups	Per ctn.	100
NEPHTHYTIS, Green Gold, 2pp	60	$18.00
PALMS, Neanthe Bella, 2pp	60	18.00
Tenella, 2 pp	60	18.00
PHILODENDRON Cordatum, 3-4pp	60	18.00
POTHOS, Orange Queen, 3pp	60	18.00
Marble Queen 2pp	60	18.00
SCHEFFLERA, 3pp	60	18.00
2½" PLASTIC POTS		
CHINESE EVERGREEN, 1-2pp	50	18.00
PHILODENDRON Cordatum 3pp	50	15.00
HOYA 1pp	50	15.00
3" PLASTIC POTS		
CHINESE EVERGREEN, 1-2pp	50	25.00
COMBINATIONS, 3pp	50	18.00
DIEFFENBACHIA Exotica or **Perfection** 1pp	50	25.00
MARANTA Kerchoveana, 2pp	50	18.00
NEPHTHYTIS Green Gold, 3pp	50	18.00
Emerald Gem, 3pp	50	18.00
PALMS, Neanthe Bella, 2pp	50	18.00
PILEA, Cardiereli, 3pp	50	18.00
PEPEROMIA GREEN, 2pp	50	18.00
Marble, 2pp	50	18.00
PHILODENDRON Cordatum, 3-4pp	50	18.00
POTHOS Orange Queen, 3pp	50	18.00
Marble Queen 2-3pp	50	18.00
SANSEVIERIA Hahnii, 1pp	50	18.00
Laurentii, 1pp	50	18.00
Zeylanica, 1pp	50	18.00
SCHEFFLERA, 3pp	50	18.00
4" PLASTIC POTS		
PHILODENDRON Cordatum, 5pp	30	40.00
Floridii, 3-4pp	30	75.00
Pertusum, 2pp short and bushy	30	60.00
PHILODENDRON PERTUSUM IN THIN 4" PLASTIC POTS (ready for 5, 6, and 7")		Each
Select, 4-5 lvs. heavy	20	.85
3-4 lvs.	25	.65
Select, 8-12 lvs., 2 plants	15	1.00
7-10 lvs. 2pp	18	.85
PHILODENDRON TOTEMS 24" BARK, 6" POTS		
Emerald Queen, Panduraeforme and **Floridii** 4-5pp	12	1.50
Pertusum, 3pp	12	1.50
TOTEMS 18" BARK, 5" POTS		
Floridii and **Panduraeforme** 3pp	16	1.00
Pertusum 2pp	16	1.00

MINIMUM ORDER FOR POTTED PLANTS 100

Spring Bedding Plant Sources

THESE COMPOSITE LISTINGS OF SPRING BEDDING PLANTS WILL ENABLE YOU TO MAKE YOUR SELECTIONS SO THEY CAN BE SHIPPED FROM ONE SOURCE. THIS SAVES HANDLING COSTS AND TRANSPORTATION CHARGES. ON ALL ORDERS LESS THAN $10.00 FROM ONE LISTING ADD $1.00 MINIMUM ORDER CHARGE.

SOURCE 2—F.O.B. PENNA.

	Per 100	Per 1000
ACHYRANTHUS, Red, Yellow & Rosebud, R.C.	$ 5.00	
2¼"	12.50	
ALTERNANTHERA, Red & Yellow, R.C.	5.00	
2¼"	12.50	
AGERATUM, Imp. Dwf. Riverside, Devon Blue, Purple Beauty, White, and Pink, R.C.	3.50	$ 30.00
2¼"	12.50	112.50
ASPARAGUS, Plumosa & Sprengeri		
Seedlings		25.00
2¼"	12.50	
BEGONIA, Red, Pink, & White Scand. & Indian Maid, 2¼"	12.50	
BEGONIA, Tausendschon Red, Pink & White, 2¼"	13.75	
BELOPERONE GUTTATA, Shrimp Plant, 2¼"	12.50	
COLEUS, 12 Leading Varieties, R.C.	4.00	35.00
2¼"	12.50	
CUPHEA, Cigar Plant, R.C.	5.00	
2¼"	12.50	
DAISIES, Nicholson White & Boston Yellow, R.C.	6.50	
2¼"	12.50	
Pink Champagne, R.C.	10.00	
2¼"	15.00	
DRACAENA INDIVISA, (3" @ 22.50 per 100)		
Seedlings		25.00
2¼"	12.50	
DUSTY MILLER, Fern Leaf, R.C.	6.50	
2¼"	12.50	
FUCHSIA, Standards: American Beauty, Badgad, Black Prince, Giant Pink, Hollydale & Churchill, R.C.	7.00	56.50
2¼"	12.50	112.50
Little Beauty, R.C.	7.50	
2¼"	13.75	
Trailing: Brigadoon, Dark Eyes, Lena, Jack Shahan, Magellanica, MME. Connie Ison, Sleighbells, Southgate, Swingtime, Victor Reifer, and Whitemost, Lavender, White, & Yellow, R.C.	7.00	60.00
2¼"	12.50	112.50
GERANIUMS, Imp. Ricard, Imp. Poitevine, Irvington Beauty, and White Buchner, 2¼"	15.00	137.50
HELIOTROPE, Royal Fragrance, R.C.	5.00	
2¼"	12.50	
IMPATIENS SULTANA, White, Red, Salmon, Dwf. Rose, and Variegated leaf with Red Flowers, R.C.	6.50	
2¼"	12.50	
IVY, Polar or German, R.C.	5.00	
2¼"	12.50	
IVY GERANIUMS, Chas. Turner, Jos. Warren, Leopard, Lilac, White and Willy, 2¼"	16.50	150.00
LANTANA, M. Schmidt, Sensation, Radiation, Golden King, and Tethy's, R.C.	6.50	56.50
2¼"	12.50	112.50
TRAILING: Lavender, White, and Yellow, R.C.	6.50	
2¼"	12.50	
PELARGONIUMS, All My Love, Azalea, Burgandy, Congo, Orange Sal., Mrs. F. Batchler, Grand Opera, Grossmon Fisher, P. M. Menzies, Red Velvet, Mary Bard, So. America, Marie Vogel, Zula King, & Fire Dancer, 2¼"	17.50	150.00
VINCA VARIEGATA, R.C.	6.50	
2¼"	12.50	

500 of a variety at 1,000 rate

SOURCE 4—F.O.B. EASTERN OHIO

	Per 100	Per 1000
ACHYRANTHES—Red, R.C.	$ 5.00	$ 45.00
AGERATUM—Devon Blue, Blue Mound, Riverside, Masterpiece, Pink, White, R.C.	3.50	30.00
COLEUS—15 Varieties, mixed, R.C.	4.50	40.00
DAISY—Boston Yellow, R.C.	8.00	75.00
Pink, R.C.	8.00	75.00
DRACAENA-INDIVISA, 2¼"	12.00	
3"	25.00	
DUSTY MILLER—Fern Leaved, R.C.	5.00	45.00
FUCHSIAS—Little Beauty, R.C.	8.00	75.00
Winston Churchill, White Churchill Pride of Orion, R.C.	7.00	65.00
TRAILING—Purple, White, Red, Pink, R.C.	8.00	75.00
IMPATIENS—Pink, Salmon, Red, White, R.C.	5.00	45.00
LANTANAS—Caprice, Golden King, Lady Olivia, Lavender Weeping, Radiation, Michael Schmidt, Southern 2¼"	12.00	110.00
***Gilbert's Surprise,** very dwarf, bronze to Lt. pink. 2¼"	15.00	
*Minimum order—100 plants		
VINCA—Variegata, R.C.	4.50	40.00
2¼", 2 pp pot	12.00	110.00
Clumps	22.00	

500 of a variety at 1000 rate

SOURCE 6—F.O.B. ILLINOIS

	Per 100	Per 1000
AGERATUMS—Imp Riverside, Pure White, New Masterpiece, New Pink, R.C.	$ 3.50	$ 30.00
BEGONIAS—Red Pearl, Indian Maid, Carmen, White, Pink Pearl, Scandinavia Red and Pink, Hybrid Tausendschoen Red and Pink, 2¼"	12.50	120.00
COLEUS—Speckles, Imp Butterfly, Gold Bound, Nancy Lee, Hollywood, Lois, Variegated, Red Queen		
Assorted, R.C.	4.00	35.00
Named Varieties, R.C.	4.00	37.50
2¼"	8.00	75.00
DUSTY MILLER, R.C.	5.00	45.00
IMPATIENS SULTANA—Dwarf varieties, Red, Rose, Pink, White, R.C.	4.50	42.50
IVIES—Hahn's, Merion Beauty, Star Ivy, R.C.	4.00	35.00
Maple Queen, Ripple, Gold Dust, Buckley Imp. Glacier, Rochester, Ideal, R.C.	5.00	45.00
Hahn's, 2¼"	12.50	120.00
LANTANAS—Radiation, Lady Olivia, Pink Caprice, Golden Plume and White, R.C.	4.50	40.00
2¼"	11.00	100.00
3"	18.00	175.00
PETUNIAS DOUBLE—Rosalia, World Beauty, White, R.C.	6.00	55.00
2¼"	10.00	90.00
VERBENAS—True Beauty of Oxford, Mayflower Pink, Pride, Royal Purple, Scarlet King, Lavender Glory, White, Candystick, R.C.	4.00	35.00
VINCA VINES—Assorted, R.C.	4.50	40.00
2¼", 2 pp, Bushy	12.50	110.00

500 of a variety at 1000 rate

SOURCE 9—F.O.B. INDIANA

	Per 100	Per 1000
ACHYRANTHES—Burgundy, Green and Yellow variegated, Brilliancy, R.C.	$ 5.00	$ 47.50
2¼"	12.00	115.00
AGERATUM—Imp. Dwarf Riverside, Devon Blue, Dwarf Pink, Dwarf White, R.C.	4.00	37.50
2¼"	12.00	115.00
ARTILLERY PLANT—Upright form. R.C.	4.50	42.50
2¼"	12.00	115.00
ASPARAGUS—Sprengeri 2 pp. pot, 2"	13.00	130.00
2¼", 3 pp	15.00	150.00
Plumosus, 2¼", 2 pp	15.00	150.00
BEGONIAS—Pink Chatelaine Supreme, R.C.	6.00	57.50
2¼"	15.00	147.50
BROWALLIA SPECIOSA MAJOR BLUE, R.C.	5.00	47.50
2¼"	15.00	147.50
COLEUS—Butterfly, Brilliancy, Christman Gem, Hollywood Red, Gold Bound, Beckwith Gem (Golden Bedder), R.C.	5.00	47.50
2¼"	15.00	147.50
Mixed, R.C.	4.75	45.00
2¼"	12.00	117.50
CUPHEA—Cigar Plant, R.C.	4.50	42.50
2¼"	12.00	117.50
DRACENA—INDIVISA, 2"	13.00	130.00
Peat Pot, 2¼"	15.00	150.00
3"	25.00	
3" Ex. Heavy	30.00	
DUSTY MILLER—Upright form, fern leafed, R.C.	5.00	47.50
2¼"	15.00	147.50
FUCHSIAS—Black Prince, Lord Byron, Rosian Patria, R.C.	7.00	67.50
Winston Churchill, Hollydale, Pride of Orion, Mrs. Marshall, 2¼"	14.00	137.50
Dollar Princess, Little Beauty, R.C.	8.50	82.50
2¼"	15.00	147.50
Trailing, Assorted Colors only, R.C.	8.50	82.50
2¼"	15.00	147.50
GYNURA—Velvet Plant, R.C.	10.00	97.50
2¼"	18.00	178.50
IMPATIENS SULTANI—Reds, Pinks, Salmons, Purple, White, R.C.	5.00	47.50
2¼"	14.00	137.50
Mixture of above, R.C.	4.75	45.00
2¼"	12.00	117.50
Dwarf Blaze, R.C.	6.50	62.50
2¼"	15.00	147.50
LANTANAS—Michael Schmidt, Delicatissima, Caprice, Lady Olivis, Golden King, Sensation, White, Dwarf Bronze, Radiation, New Red, R.C.	5.00	47.50
2¼"	14.00	137.50
Mixture of above, R.C.	4.75	45.00
2¼"	12.00	117.50
PELARGONIUMS—(10 best kinds mixed), R.C.	12.00	117.50
2¼"	18.00	178.50
VINCA—Variegated, R.C.	5.00	47.50
2"	12.00	117.50
Heavy Plants—2-3 shoots, 2"	14.00	137.50
Heavy Plants—3-5 shoots, 3"	25.00	247.50
Rooted Field Tips, October only	6.00	57.50
Field Clumps, October only	30.00	

500 of a variety at 1000 rate

SOURCE 8—F.O.B. ILLINOIS

	Per 100	Per 1000
AGERATUMS—Imp. Riverside dwarf, Masterpiece, Pink Beauty, Pure White, R.C.	$ 3.50	$ 30.00
2¼"	8.00	75.00
BROWALLIA Speciosa Major White R.C.	6.50	60.00
2¼"	13.00	120.00
COLEUS—Bright Mixed Colors, R.C.	4.50	40.00
2¼"	9.00	85.00
DAISIES—Imp. Boston Yellow, Nicholson's White, R.C.	7.50	70.00
2¼"	12.50	120.00
DUSTY MILLER—Fern-Leaved, R.C.	5.00	45.00
2¼"	11.00	100.00
FUCHSIAS—Hollydale, Winston Churchill, Black Prince, Irwins Pink, R.C.	7.00	65.00
2¼"	12.00	115.00
Little Beauty, R.C.	8.00	75.00
2¼"	14.00	135.00
Hanging Basket, Scarlet, Rose, Pink with white R.C.	8.50	80.00
2¼"	15.00	140.00
IMPATIENS—Pure White, Scarlet Red, dwarf Orange, Rose, Salmon Pink, R.C.	5.50	50.00
2¼"	11.00	100.00
Tangerine	6.50	60.00
GERANIUMS—Irene, Dk. Red. Irene, Penny, Springtime, Enchantress Fiat. 2¼"	15.00	145.00
R.C.	11.00	100.00
LANTANAS—Radiation, Caprice, Pure White, Pure Yellow, Tethys cream Yellow, Weeping Lavender R.C.	5.00	45.00
2¼"	11.00	100.00
VERBENAS—Candystick, BEAUTY OF OXFORD, Cerise, Pink, Scarlet, Lavender, Schlossers Pride, Mayflower, Royal Purple, White, R.C.	4.00	35.00
VINCA VINES—Very Highly Colored, R.C.	5.00	45.00
(2 cuttings to pot) 2¼"	11.00	100.00

500 of a variety at 1,000 rate

PACHYSANDRA TERMINALIS 2¼" Peat Pots

SOURCE 10—F.O.B. INDIANA

Gypsophila Babysbreath

	Per 100	Per 1000
BRISTOL FAIRY 2¼" Peat Pot	$20.00	$187.50
Field grown plants (Minimum 50 plants)	35.00	315.00
PINK FAIRY 2¼" Peat Pot	20.00	187.50

50 of a variety @ 100 rate—300 or more @ 1,000 rate
Minimum order on 2¼"—50 plants

SOURCE 10—Cont. F.O.B. INDIANA

Clematis

1 year pot wrapped—2 year loose root	Per 10 Ea.	Per 100 Ea.
COMPTESSE DE BOUCHARD. Pink, 4-5" 1 yr.	$ 0.55	$ 0.50
2 yr.	.80	.75
CRIMSON STAR. Bright red, 6-7" 1 yr.	.65	.60
DUCHESS DE EDINBURG. Dble. White. 1 yr.	.65	.60
ELSA SPAETH. Bright Blue, 6-8" 1 yr.	.55	.50
2 yr.	.80	.75
ERNEST MARKHAM. Cerise red, 5-7" 1 yr.	.55	.50
2 yr.	.80	.75
ETOILE VIOLETTE 1 yr.	.60	.55
HENRYI. Lustrous white, 6-7" 1 yr.	.65	.60
HULDINE. Lavender/white, 4-5" 1 yr.	.60	.55
2 yr.	.80	.75
JACKMANNI. Velvet purple, 5-6" 1 yr.	.60	.55
2 yr.	.85	.80
LADY BETTY BALFOUR. Violet purple. 1 yr.	.60	.55
2 yr.	.80	.75
LORD NEVILLE. Deep plum purple, 5-7" 1 yr.	.65	.60
MISS BATEMAN. White, 1 yr.	.55	.50
2 yr.	.85	.80
MME LE COULTRE. White, 6-8" 1 yr.	.60	.55
2 yr.	.85	.80
MME BARON VEILLARD. Lilac-rose, 5-6" 1 yr.	.55	.50
2 yr.	.75	.70
MME EDOUARD ANDRE. Red w/purplish cast, 5-6" 1 yr.	.55	.50
MONTANA RUBENS. Rosey red, 1-2" 1 yr.	.55	.50
2 yr.	.75	.70
MRS. CHOLMONDELEY. Lavender blue, 6-8" 1 yr.	.55	.50
2 yr.	.85	.80
MRS. P. B. TRUAX. Deep Lavender-blue, 5-7" 1 yr.	.55	.50
2 yr.	.80	.75
NELLY MOSER. Pale mauve, 5-7" 1 yr.	.60	.55
THE PRESIDENT. Deep dull violet, 6-8" 1 yr.	.65	.60
RAMONA. Lavender blue, 6-8" 1 yr.	.55	.50
2 yr.	.75	.70
VILLE DE LYON. Carmine-red, 5-7" 1 yr.	.55	.50
2 yr.	.85	.80

10 PLANTS MIN. PER VARIETY—25 PLANTS @ 100 RATE
50 PLANTS MINIMUM TOTAL ORDER

SOURCE 10—F.O.B. INDIANA

Ground Covers

(2¼" peat pots)

	Per 100	Per 1000
AJUGA Metallica Crispa, red leaved	$14.00	$125.00
AJUGA Silver Beauty, variegated	16.00	150.00
EUONYMUS For tunei Coloratus, purple-leaf	14.00	130.00
Fortunei Acutus, winter creeper	14.00	125.00
HEDERA HELIX Thorndale selected strain hardy ivy	14.00	125.00
Wilsonii selected strain hardy ivy	14.00	125.00
PACHYSANDRA Terminalis Japanese Spurge	14.00	125.00
Silver Edged Var. Spurge	14.00	125.00
SEDUM Middendorfanum. Short, med. green yellow flowers	15.00	135.00
Spathulifolium "Cappa Blanca", short, blue-green foliage, yellow flowers	15.00	135.00
Spurium "Dragon's Blood", short, rosy-red flowers	15.00	135.00
VINCA MINOR Regular strain, periwinkle or myrtle.	14.00	125.00
Bowles, Imp. variety	15.00	140.00

25 PLANTS @ 100 RATE—250 PLANTS @ 1000 RATE

GLOXINIA PLANTS—FOB FLORIDA

FORMULA MIXTURE: This is a well balanced mixture of the best commercial types made up from separate colors. Formula varies slightly with the season, as some varieties are better at one season than at others.

Mixture is approximately as follows:

60% Solid Red Types
10% Solid Blue-Purple Types
15% Red and White Combinations
10% Purple and White Combinations
5% Solid White

These varieties will mature in 90 to 120 days depending on climate. These seedlings are not to be compared to the common 5 petal varieties such as those from Belgium sources. All strains have flowers of 6 to 8 petals.

INDIVIDUAL COLORS

IMPROVED RED VELVET: Our finest red. Very strong producer of large ruffled cardinal red flowers. Well grown plants of this variety regularly produce 50 to 75 bloom in 5" or 6" pots.

ROYAL VELVET: Very heavy producer of velvety deep purple flowers. Strong growth habit.

NEW CHERRY BELLE: An improved strain that produces up to 100 blooms per plant. Deep cherry red flowers with border. Very showy and large plants.

PINK PEARL: A new strain with soft rose-red petals around a radiating white center. Produced by inbreeding our older but dependable red and white velvet.

SNOW BIRD: Gigantic pure white flowers of extreme beauty. Strong growing plants with beautiful foliage. Long lasting flowers that open under adverse conditions.

PURPLE CLOUD: Choice plants full of rich purple bloom that have a white center radiating out into the petals to make a pleasing effect.

IMPROVED COLOSSAL HYBRIDS: Super size flowers varying in color from soft rosy pink to red or wine color on beautiful soft foilage—fast maturing plants that hold their blossoms high and erect.

PURPLE BELLE: Deep purple flowers with good white border. A **new strain** not at all like the old Emperor Wilhelm. Heavy plants with lots of buds.

Shipped in 2" Bands—50 to the Carton
(Minimum Order—50)
$20.00 per 100 $180.00 per 1000 (250 billed at 1000 rate)
Winter packing—50c extra per case of 50.
*10% additional quantity discount on orders placed at one time for 5,000 or more plants to be shipped over a period not to exceed one (1) year.

DOUBLE GLOXINIAS

Double Red Velvet **Double Cherry Belle**
Double Royal Velvet **Double Purple Belle**
50 per carton
$25.00 per 100—250 or more $23.00 per 100
Double percentage will be slightly higher than 50%

Glamorous All-Double Gloxinias

F.O.B. MINNEAPOLIS

The newest and only Gloxinia, to offer to your customers, which will reward you with extra profits proved in past sales. Choice 3" plants produced from vegetated cuttings, not seedlings. Ready to shift to 5½" or 6" pots. Will produce a large, superb Gloxinia plant with all-double flowers in approximately three months. Completely flexible leaved. Ideal for year around scheduling.

COLORS: Red, Red & White, Purple, Blue & White, and White.

PACKED: 48 to Carton—Price $24.00 Per Carton.
Orders placed 10 weeks in advance of shipping date and volume of following during any 52-week period will receive following discounts off current amount shipped as discounts become available.

2000 to 5000.....2% 7000 to 10,000.....7%
5000 to 7000.....5% 10,000 & Over.....10%

VAUGHAN'S GERANIUMS

GERANIUMS—2¼ INCH

F.O.B. LOCAL SOURCES

RED

CHARLOTTE. Olympic sport, vivid scarlet, does not crookneck.
DARK RED IRENE. Radio red color.
IRENE. Brick red color.
BETTER TIMES. Rose Red.
OLYMPIC RED. Brick red color.
IMP. RICARD. Brick red color.
RADIO RED. Brilliant red.

PRICES ON ABOVE: Per 100, **$16.00;** 1000, **$150.00.**

WHITE

SNOWBALL
MADONNA

PRICES ON ABOVE: Per 100, **$16.00;** 1000, **$150.00.**

PINK-SALMON-ROSE

ENCHANTRESS FIAT. Soft salmon pink.
PRICE ON ABOVE: Per 100, **$17.00;** 1000, **$160.00.**
PINK CLOUD. Clear pink.
SPRINGTIME. Salmon pink.
GENIE. Celestial rose color.
PENNY. Salmon rose.
SALMON IRENE. Rich salmon.
SALMON SUPREME. Dark salmon.
PRICES ON ABOVE: Per 100, **$16.00;** 1000, **$150.00.**

Minimum order 100 plants. Not less than 50 of a variety 50 at the 100 rate—250 of a single variety at the 1000 rate

MIKKELSEN'S "FIRST LADY" SERIES

New shades—Magnificent Bloom—Free of Virus and Bacteria.

BESS. A salmon pink hybrid with a little deeper orange shade than Salmon Supreme but lighter than Salmon Irene.

CAROUSEL. Outstanding pleasing pink, small foliage, self branching and profuse bloomer. Delicate shade of "charm" pink.

ELEANOR. A lighter shade of orchid pink than Genie and somewhat smaller flower but more flower heads in bloom at one time.

JACQUELINE. Bright luminescent red with exceptionally large flower heads. Truly hybrid vigor.

MAMIE. Fiery "bright" red.

Prices of "FIRST LADY" Series	PER 100 R.C.	2¼" Peat Pots
50—200	$20.00	$25.00
250—450	19.75	24.75
500—700	19.50	24.50
750—950	19.25	24.25
1000—Up	19.00	24.00

F.O.B. ASHTABULA, OHIO

DWARF TYPES

VARIETY	R.C.	2¼" Peat Pots
BROOKS BARNES RED	$17.50	$23.00
METEORE. PINK	17.50	23.00
NEW DAWN. RED	17.50	23.00

F.O.B. ASHTABULA, OHIO

IVY GERANIUMS

VARIETY	R.C.	2¼" Peat Pots
LAVENDER IVY	$17.50	$23.00
ORCHID PINK IVY	17.50	23.00
ROSE PINK IVY	17.50	23.00
RED IVY	17.50	23.00

F.O.B. ASHTABULA, OHIO

GERANIUM CUTTINGS—CALIFORNIA GROWN

PINK

APPLE BLOSSOM. Salmon pink.
ENCHANTRESS FIAT. Soft salmon-pink.
MAGNIFICENT. Soft salmon pink.
PINK CLOUD. Clear pink.
SPRINGTIME IRENE. Salmon pink.

DEEP PINK

AVALON BEAUTY. Sport of Pink Fiat.
FIAT SUPREME. Salmon pink.
GENIE IRENE. Celestial rose color.
IRVINGTON BEAUTY. Soft rose.
PENNY IRENE. Salmon-rose.
PINK FIAT. Salmon-pink.

SALMON PINK

IMP. POITEVINE. Soft pinkish salmon.
MADAM LANDRY. Clear salmon.
SALMON IDEAL. Clear salmon.
SALMON IRENE. Rich salmon.
SALMON SUPREME. Dark salmon.

WHITE

MADAM BUCHER. Pure white.
GREGERSEN'S WHITE.
MADONNA.
SNOWBALL. Pure white.

ORANGE

ORANGE RICARD. Scarlet orange.

RED

AVALON RED. Sport of radio red.
BETTER TIMES. Rose red.
BLAZE. Brilliant red.
DARK RED IRENE. Radio red color.
IMP. RED FIAT. Orange-scarlet.
IMP. RICARD. Brick red.
IRENE. Brick red.
OLYMPIC RED. Brick red.
PRIDE OF CAMDEN. Dk. crimson-red.
RADIO RED. Brilliant red.
RED BARNEY. Bright dark-red.
RED FIAT. Orange-scarlet.
RED LANDRY. Brick red.

PURPLE

SPRINGFIELD VIOLET. Purple-crimson.

FANCY-LEAVED

HAPPY THOUGHTS. Green leaf, bright yellow center.
MADAM LANGUTH. Leaf edged creamy white flowers crimson-red.
SKIES OF ITALY. Leaf bright yellow, chocolate zone.

IVY
rooted cuttings only

CAESAR FRANK. Deep pink.
CHARLES TURNER. Rose pink.
INTENSITY. Bright red.
MRS. BANKS. White with bluish center.

PRICES ON ABOVE CALIFORNIA CUTTINGS	100	1000
Unrooted cuttings	$5.50	$42.50
Calloused cuttings	8.00	70.00
Rooted cuttings	9.50	85.00

Minimum order 1000. All above prices are F.O.B. California

We recommend that all geranium cuttings from the West Coast be shipped via air transportation to nearest airport in your vicinity. Airport to phone buyer on arrival. Your telephone number must be supplied, also name of Airport and town.

PEONIES

(3-5 eye Divisions)—F.O.B. Minn.

RED VARIETIES	PER 10	PER 100
Karl Rosenfield	$4.00	$35.00
Felix Crousse	4.00	35.00
Longfellow	5.50	40.00
Richard Carvel	6.50	55.00
PINK VARIETIES		
Edulis Superba	3.50	30.00
Mons Jules Elie	4.75	35.00
Sarah Bernhardt	4.00	35.00
Martha Bulloch	5.50	40.00
Therese	6.50	55.00
Walter Faxson	5.50	40.00
WHITE VARIETIES		
Mme. de Varniville	4.75	35.00
Festiva Maxima	4.75	35.00
Francis Willard	4.75	35.00
Sollange, Buff	5.50	40.00
SINGLE PEONIES		
Mellon Knight, Red	4.75	35.00
Harriet Olney, Pink	4.75	35.00
Krinkled White, White	5.50	40.00

MINIMUM—10 OF A VARIETY. MIN. TOTAL ORDER $15.00.

POINSETTIA STOCK PLANTS

BARBARA ECKE SUPREME. Pat. No. 1055. Patented variety sold only under patent restrictions. The finest of all pot-plant varieties for the central and northern part of the United States and still the leader.

ECKE PINK. Blooming and growth habits same as regular Pink but having long bracts similar to the Oak Leaf type, which makes it very desirable.

INDIANAPOLIS RED. Exceptionally fine variety for the southern states Grows short and stocky.

NEW ECKE WHITE (Pat. No. 1802) Very wide bracts; other features same as Ecke White.

ELISABETH ECKE (Pat.)—known as #3—this new introduction is a naturally low grower, has wide leaves and bracts, good red color, a small tight center; it is naturally later blooming then Barbara Ecke Supreme, makes perfect bracts on late cuttings, pinches very well; bracts do not droop or curl when mature; it is not a fast rooter. Field-grown plants will be available for 1964 at $200.00 per 100 "field-run".

BARBARA ECKE SUPREME — INDIANAPOLIS RED — ECKE WHITE —ECKE PINK—IMPROVED ALBERT ECKE

Per 100: Super Jumbo—**$180.00** #1—**$120.00** #3—**$60.00**
Jumbo— **150.00** #2— **90.00** *#4— **40.00**

NEW IMP. ECKE WHITE

Per 100: Super Jumbo—**$200.00** #1—**$150.00** #2—**$125.00**
Jumbo— **175.00**

RUTH ECKE—OAK LEAF

Per 100: Jumbo—**$180.00** #1—**$150.00** #2—**$120.00**

DOUBLE HENRIETTE ECKE (satisfactory in tropical areas only)

Per 100: #1—**$120.00** #3—**$60.00**
#2— **90.00** *#4— **40.00**

***All #4 plants should be shipped by Railway Express direct from Encinitas to carry through successfully.**

Above prices f.o.b. eastern points of distribution. Plus 4c per pound Transportation Charge for cross-country bulk freight to eastern point of distribution. ON ALL ORDERS MAILED AFTER JANUARY 1, 1964, A 10% PACKING CHARGE WILL BE MADE. CHANGES IN ORDERS WILL BE ACCEPTED UNTIL FEBRUARY 1, 1964.

POINSETTIA 2¼ inch Plants

The above varieties plus the new variety Paul Mikkelsen are available in 2¼" pots from local sources during summer months.

Vaughan's now offer the most complete line of supplies and containers for the grower. Most items are stocked in both Downers Grove, Illinois and Bound Brook, New Jersey. **Send your order to the nearer warehouse.**

WE HAVE COMPLETELY ELIMINATED FROM THIS CATALOG, ALL ITEMS FOR RESALE. WRITE FOR OUR DEALER CATALOG LISTING A COMPLETE LINE OF ITEMS FOR THE LAWN AND GARDEN. DEALER CATALOG IS AVAILABLE ABOUT DECEMBER 1ST, EACH YEAR.

We ask your co-operation in making your order for supplies at least $5.00. Minimum billing on supplies is $5.00. This minimum billing is necessary so that we can continue to maintain our complete line of supplies to serve you.

Note: All items are shipped either f.o.b. Downers Grove, Illinois or Bound Brook, New Jersey or closest warehouse unless specified otherwise.

(M) **S-991 PLASTIC HANGING BASKETS.** The basket is 13 inches in diameter and comes complete with wire with eyelet for handling. Made of durable polyethylene and will not crack, splinter or peel. Unaffected by soil, fertilizer, or temperature. Available in: White, Yellow, Green, Charcoal. **Specify color when ordering.** Asst. Pack—3 each of above 4 colors. Per dozen Baskets **10.80**

(J) **S-992 WIRE HANGING BASKETS WITH HANGERS.** Sturdily built for long service. Painted green. Packed 10 to a bundle. **We do not split bundles.**

8 inch	Price per 10 baskets	$5.50
10 inch	Price per 10 baskets	6.00
12 inch	Price per 10 baskets	7.00
14 inch	Price per 10 baskets	8.00
16 inch	Price per 10 baskets	10.00

(K) **S-1750 SHEET MOSS GREEN,** Extra fancy large sacks for Windows, Baskets, etc. Per sack, $3.50; 3 sacks, $10.00.

S-1722 WOOD FLOWER TUBS

(L) Securely bound with welded wire hoops. Nicely finished in best green oil paint. Florists find them ready sellers—a substantial yet attractive tub of moderate price. 12 assorted size tubs take dozen rate.

Inside Dimensions	Wt. Each	Price Each	Per Doz.
7 in. x 7 in.	1½	$1.70	$18.30
8 in. x 8 in.	2	1.85	19.50
10 in. x 9 in.	3	2.25	24.50
12 in. x 11 in.	4	3.30	35.75
14 in. x 13 in.	6	5.10	55.60
16 in. x 15 in.	8	6.10	66.50
18 in. x 17 in.	12½	8.85	96.60

PLANTER COASTER BASES

(H) S-1723 REDWOOD TAPERED OCTAGONAL PLANT TUBS

Only the finest quality Redwood, satin brass and finish materials are combined with high style design and expert craftsmanship to produce.

For utility and Beauty in any garden. Rounded top and bottom edges to prevent splintering. Made of well seasoned California redwood. Bound with brass bands. Ventilation under tub.

Model	Inside Dimensions	Packed	Wt. per ctn.	Prices Per Ea.	Ctn.	Retail
O-8	8x 8x 5¾ H	3	7	**$2.00**	**$ 5.40**	$ 2.98
O-10	10x10x 7 H	3	10	**2.35**	**6.45**	3.59
O-12	12x12x 9 H	3	15	**3.10**	**8.40**	4.69
O-14	14x14x11 H	3	21	**3.85**	**10.50**	5.79
O-16	16x16x13 H	3	27	**5.05**	**13.80**	7.69
O-18	18x18x15 H	3	33	**5.90**	**16.20**	8.98
O-21	21x21x18 H	2	33	**7.90**	**14.40**	11.98
O-24	24x24x21 H	2	41	**9.90**	**18.00**	14.98

(G) **S-996 WIRE POT HANGERS.** Increase your growing space by hanging plants from purlins and other overhead pipes. Hanger will not slip off pot. For eight clay pots or plastic pots. Also ideal to sell hanging basket begonias, vines and other plants.

18 inch..Per 100	**$18.00**
24 inch..Per 100	**24.00**

(A) **S-996 WIRE POT HANGERS.** Increase your growing space by hanging plants from purlins and other overhead pipes. Hanger will not slip off pot. For against leaking, are corrosion proof. Will outlast steel and wooden boxes. No painting is required nor is the surface finish subject to unsightly scratches. Comes in three colors. Grass Green, Black, and White. 7½ inches wide x 5½" deep. **Do not split cartons.**

Cat. No.	Size	Packed	Wt.	Dealers Cost
S-827	18 in.	6	7 lbs.	**$ 9.60**
	24 in.	6	10 lbs.	**11.20**
	30 in.	6	13 lbs.	**12.00**
	36 in.	6	16 lbs.	**11.67**

PLANTER COASTER BASE (3 sizes). A must for best results and display of "Plantubs". Matching Redwood mounted on Brass and Lucite casters. Displays plants better, and facilities easy movement for cleaning, etc. Put up in 3 sizes, (12x12x4, and 14x 14x4 are indoor coasters with plastic drip bowl.) (18x18x4 is an outdoor planter without plastic drip bowl.)

Cat. No.	Size	Packed	Wt.	Cost
S-1724	12 in.	1	3 lbs.	**$2.40**
	14 in.	1	4 lbs.	**2.95**
	18 in.	1	6 lbs.	**3.10**

(B) ALL STEEL FLOWER and PLANT BOXES

Green enamel finish. They're heavy-duty steel, beautifully embossed with a floral leaf design. Features a built-in drainage plate. Rolled edges (over heavy steel wire) make these boxes extremely sturdy. They're perfect for indoor or outdoor use. Nested to save storage space. 7⅝" wide by 5 inches deep. **We do not split cartons.**

Cat. No.	Size	Packed	Wt. per ctn.	Dealers Cost per ctn.
S-822	18"	12	22 lbs.	**$7.50**
	24"	12	25 lbs.	**8.80**
	30"	6	16 lbs.	**5.60**
	36"	6	19 lbs.	**7.20**

(C) **S-995 RUBBER SAUCER ASSORTMENT.** Green only. Made of finest grade unbreakable rubber. They are beautiful and economical. In an attractive display stand consisting of 27 Plantrays listed as follows. Weight per assortment—18 lbs. Display rack and 12 No. 1 Saucers, 9 No. 2, 4 No. 3, and 2 No. 4. Per Ass't Ret. Value $24.90; Dealer price, each **$13.00.**

S-994 RUBBER SAUCER REFILL. Green or Black. Plant trays (rubber saucers) without display stand. For refilling your display.

	Packed	Wt.	Dealers Cost	Retail
No. 1—Takes up to 6" pot	12	2 lbs.	**$ 2.88**	$0.40
No. 2—Takes up to 8" pot	12	5 lbs.	**5.76**	.80
No. 3—Takes up to 10" pot	12	14 lbs.	**11.52**	1.60
No. 4—Takes up to 12" tub	3	5 lbs.	**5.85**	3.20
No. 5—Takes up to 14" tub	3	8 lbs.	**8.75**	4.75
No. 6—Takes up to 21" tub	3	12 lbs.	**12.15**	6.75

(N) Mexican Fernwood Totem Poles

Sold in case lots only Size	Packed	F.O.B. Brownsville, Texas Per Case	F.O.B. Chicago Per Case
1 x1 x12	288	$17.38	$19.96
1 x1 x16	144	11.98	13.77
1½x1½x16	64	5.86	6.73
1½x1½x18	64	9.25	10.63
2 x2 x18	36	7.23	8.31
2 x2 x24	36	9.98	11.48
2 x2 x30	36	13.96	16.05
2 x2 x36	36	15.96	18.55
2 x2 x48	36	23.86	27.33
3 x3 x48	12	13.35	15.35

(D) FLAT BOTTOM CEMETERY VASE

S-835B No. 2A. Detachable stem. Packed 3 doz. to carton. Price per carton, $5.80; gross, $21.60. Weight per carton, 11 lbs.

(F) CONE SHAPED CEMETERY VASE

S-835A No. 4. 9½ in. deep, 5 in. in diameter at top. Stem or spike is 3 in. long, made of No. 9 gauge steel. Packed 3 doz. to carton, price per carton, $6.00, per gross, $22.50. Weight per carton, 10 lbs.

(E) **PLASTIC CEMETERY VASE Model CV6.** Comes complete with removable plastic plug. Can be used with or without the plug. Will not rust.

Cat. No.	Packed	Wt.	Dealers Cost
S-828	36	9 lbs.	**$7.20**

PERM-A-NEST PLANT TRAYS

For Florists and Home Growers. Easy carrying and lightweight. Attractive grouping of potted plants with natural watering from the bottom. No leakage or mud stains. Made of rugged, shatterproof, high-impact polystyrene. For Greenhouse Seed and Bulb Flats. Controlled drainage—drill out drain embossments as desired. No Plant disease from Permanests. Smooth hard surface has no bacteria-hiding pores. Washable. Easily sterilized with ordinary detergents. **Sold in original cartons only.** Colors: Light Green. **F.O.B. Downers Grove.**

Cat. No.	Sizes	Quantity per ctn.	Weight per ctn.	Cost per ctn.	Retail Each
S-818A	4x 8x2½"	36	4 lbs.	$5.67	$ .25
S-818B	8x 8x2¾"	24	7 lbs.	7.35	.49
S-818C	8x12x2¾"	12	4 lbs.	4.43	.59
S-818D	22x11x2¾"	6	7 lbs.	7.43	1.98
S-818E	13x15x3½"	6	7 lbs.	7.43	1.98

Bird Perennial Pots, Paper Pots, Plant Bands and Tom Thumb Flats are sold f.o.b. Downers Grove, Ill. or Bound Brook, New Jersey.

(A) **S-1396 BIRD RED PAPER POTS.** Designed for safe, inexpensive shipping. Rugged fibre is strong, yet lightweight. Inner coating retains moisture—keeps rootballs healthy for as long as two weeks. Shipped set-up for speedy potting.

We Do Not Split Cartons

Size, inch	Per ctn.	Packed	Gross wt. of ctn.
2	$19.80	2,000	20 lbs.
2¼	19.80	2,000	24 lbs.
2½	20.00	2,000	32 lbs.
3	21.10	2,000	44 lbs.
3½	13.90	1,000	32 lbs.
4	16.90	1,000	42 lbs.
5	10.45	500	33 lbs.
6	12.85	500	47 lbs.

(B) **S-1725 BIRD PERENNIAL POTS. Lightweight.** Bird Perennial Pots are ideal for all kinds of perennials, roses, bulbs, shrubs. 5" x 8" is a mum pan. **Sold in original cartons only.** Total of 600 Pots or more take 1,000 rate.

Height	Top dia.	Bottom dia.	Weight per 1000	Per case of 200	Per 1000
5 -in.	8-in.	7 -in.	325 lbs.	$14.30	$65.00
5½-in.	5-in.	4 -in.	165 lbs.	10.45	47.50
6½-in.	6-in.	4½-in.	220 lbs.	13.00	58.50
9½-in.	7-in.	5½-in.	355 lbs.	15.25	69.00

(E) BIRD "TOM THUMB" FLATS

S-1394 Made of heavy fibre resinous material. Easily set up. Comes in two sizes; No. 1 holds dozen 1¾-inch bands; No. 2 holds dozen 2-inch bands. You will find these ideal for counter sales of bedding or vegetable plants. Prices flats only.

	Packed	Per 1000
No. 1 Weight per 1,000, 220 lbs.	250	**$44.70**
No. 2 Weight per 1,000, 248 lbs.	250	**$49.60**

Vita-Band D

(G) Vita-Band D Disintegrates in the soil when transplanted—no need to remove band.

Vita-Band 10

Vita-Band 10 for growing periods of 8 to 10 weeks.

Vita-Band H

Vita-Band H for extra-long growing periods.

ALL PRICES PER 1000 — SOLD IN CASE LOTS ONLY

VITA BAND "D"

	1½x 1½x 2½	1¾x 1¾x 2½	2x 2x 2½	2x 2x 3	2½x 2½x 3	3x 3x 3	4x 4x 3	4x 4x 4
0- 8,000	**$5.20**	**$5.55**	**$5.80**	**$6.50**	**$6.75**	**$7.60**	**$9.90**	**$12.40**
10,000- 24,000	**5.10**	**5.40**	**5.60**	**6.35**	**6.60**	**7.40**	**9.70**	**12.20**
25,000- 48,000	**5.00**	**5.25**	**5.45**	**6.20**	**6.45**	**7.20**	**9.50**	**11.95**
50,000-200,000	**4.85**	**5.15**	**5.35**	**6.05**	**6.30**	**7.05**	**9.35**	**11.60**
202,000-500,000	**4.55**	**4.90**	**5.05**	**5.70**	**5.95**	**6.65**	**8.75**	**11.05**
502,000-Over	**4.45**	**4.80**	**4.95**	**5.55**	**5.85**	**6.50**	**8.55**	**10.75**
Bands Per Case	2000	2000	2000	2000	2000	2000	1000	1000
Wt. Per Case	18	21	23	28	34	40	27	35

VITA BAND "10"

0- 8,000	**$5.05**	**$5.40**	**$5.65**	**$6.20**	**$6.70**	**$7.45**	**$9.65**	**$12.00**
10,000- 24,000	**4.95**	**5.25**	**5.50**	**6.05**	**6.55**	**7.25**	**9.45**	**11.80**
26,000- 48,000	**4.85**	**5.10**	**5.35**	**5.90**	**6.40**	**7.10**	**9.25**	**11.60**
50,000-200,000	**4.65**	**5.00**	**5.25**	**5.70**	**6.25**	**6.90**	**9.00**	**11.25**
202,000-500,000	**4.45**	**4.70**	**4.95**	**5.40**	**5.90**	**6.50**	**8.50**	**10.65**
502,000-Over	**4.35**	**4.60**	**4.85**	**5.30**	**5.80**	**6.40**	**8.35**	**10.40**
Bands Per Case	2000	2000	2000	2000	2000	1000	1000	500
Wt. Per Case	32	36	41	49	61	36	47	32

VITA BAND "H"

0- 8,000	**$6.55**	**$6.95**	**$8.15**	**$8.70**	**$9.15**	**$11.25**	**$13.75**
10,000- 24,000	**6.40**	**6.75**	**7.95**	**8.50**	**8.90**	**11.00**	**13.55**
26,000- 48,000	**6.25**	**6.60**	**7.70**	**8.30**	**8.70**	**10.70**	**13.35**
50,000-200,000	**6.10**	**6.45**	**7.55**	**8.10**	**8.50**	**10.45**	**12.90**
202,000-500,000	**5.75**	**6.10**	**7.15**	**7.65**	**8.05**	**9.85**	**12.25**
502,000-Over	**5.60**	**6.00**	**7.00**	**7.50**	**7.90**	**9.65**	**11.95**
Bands Per Case	1000	1000	1000	1000	1000	500	500
Wt. Per Case	26	30	35	42	50	34	45

(C) **S-1730 CLOVERSET POTS.** Total of 600 or more pots takes 1000 rate. We Do Not Break Cartons.

SIZES FOR EVERY NEED

Roses, Perennials, Shrubs and Young Trees

Lasts a full year or more in the sales frame. Contains roots safely within the soil ball; permits transplanting any time.

Has adequate bottom opening for good drainage without waterlogging; no gravel necessary.

Rests on wide bottom; no blowing over in the frames.

F.O.B. Downers Grove

Std. Pots	Top Dia.	Height	Quantity Per Carton	Wt. Per 1000	Per Carton	Per 1000
No. 0	5"	5½"	200	210 lbs.	$11.00	$50.00
No. 1	6"	6½"	100	331 lbs.	6.90	59.00
No. 2	7"	9½"	100	520 lbs.	7.90	71.00
No. 3	8"	9"	100	550 lbs.	8.90	76.00
No. 4	12"	13"	Per 100	130 lbs.	Carton	of 25

$8.50; 100 for $29.25; 1,000 for $275.00.

F.O.B. KANSAS CITY, MO.

Std. Pots	Top Dia.	Height	Quantity Per Carton	Wt. Per 1000	Per Carton	Per 1000
No. 0	5"	5½"	200	210 lbs.	$9.00	$42.50
No. 1	6"	6½"	100	331 lbs.	5.50	52.50
No. 2	7"	9½"	100	520 lbs.	6.25	60.00
No. 3	8"	9"	100	550 lbs.	6.75	65.00
No. 4	12"	13"	Per 100	130 lbs.	Carton	of 25

$7.70; 100 for $26.15; 1,000 for $231.00.

(F) STAPLED WOOD VENEER PLANT BANDS

S-1780 Used by the largest growers for vegetable plants, perennial plants, carnations, snaps and stocks. For transplanting in greenhouse or outdoors. Sold in original cases only.

F.O.B. DONGOLA, ILL. ONLY

	1000 to 9000	10,000 to 49,000	50,000 or more	With Bottoms
1¾x1¾x2½	$6.50	$6.40	$6.30	$10.40
2 x2 x2½	6.60	6.50	6.40	10.50
2½x2½x2½	6.80	6.70	6.60	10.60
2 x2 x3	6.90	6.80	6.70	10.80
2½x2½x3	7.30	7.20	7.10	11.30
3 x3 x3	7.80	7.70	7.60	11.60
3 x3 x4	8.00	7.90	7.80	12.10
4 x4 x4	9.00	8.90	8.80	13.80

(D) S-1785 PANSY BASKETS

F.O.B. DONGOLA, ILL. ONLY

	Per 100	Per 500	Per 1000
1 qt.	$3.90	$19.00	$37.00
2 qt.	4.30	21.25	41.50
3 qt.	4.50	22.00	43.00

Modern selling calls for modern containers. More of your customers each year are willing to pay for better, more mature plants in pots. PLANCO Pot Trays hold either Peat Pots or Bagasse Pots. Using individual pots in trays is more economical. Should you lose one plant, you do not have to throw away the entire pak. Replace one plant and you still have a saleable pak.

PLANCO—POT TRAYS

THE MODERN PROFITABLE WAY TO SELL PLANTS IN PEAT POTS

Some growers have standardized their growing operation by using these trays both with and without pots. Try some this season. Your customers will be more satisfied with the quality of these individual pot plants in paks.

			PRICES							
			1–5 ctns.		6–12 ctns.		13 ctn. up			
Cat. No.	Model	Tray Holds	Per Case	Per 1000	Per Case	Per 1000	Per Case	Per 1000	Packed	Weight
S-1715A	1723	6—1¾″ Sq.	**19.38**	**38.75**	**17.50**	**35.00**	**15.88**	**31.75**	500	26 lbs.

			PRICES							
			1–9 ctns.		10–24 ctns.		25 ctns. up			
			Per Case	Per 1000	Per Case	Per 1000	Per Case	Per 1000		
S-1715B	1734	12—1¾″ Sq.	**16.18**	**64.70**	**14.70**	**58.80**	**13.23**	**52.90**	250	23 lbs.
S-1715C	2223	6—2¼″ Sq.	**13.86**	**55.44**	**12.60**	**50.40**	**11.35**	**45.40**	250	20 lbs.

QUANTITY DISCOUNTS

Orders of $1500.00—2% Discount
Orders of $3000.00—3% Discount
Orders of $4500.00—4% Discount
Orders of $6000.00—5% Discount
Various sizes may be combined to obtain quantity prices.

Prices prepaid on all orders weighing 150 lbs. or more in U.S.A. except Hawaii and Alaska.

Combine any Peat Pots with Bagasse Pots, Market Paks and Planco Pot trays to make 150 lbs.

S-1735 VAL-PAC ALUMINUM CONTAINER

FOR GROWERS WHO PREFER ALUMINUM

Size 5⅝x8x2⅜″. Seven ¼″ holes provide adequate drainage. The holes are offset for better drainage. The rolled rim adds strength.

Weight: 40 lbs. per 1000
500 F.O.B. Chicago For $27.50
Prepaid prices per 1000

1,000— 4,000 Prepaid per 1,000.....**$54.00**
5,000— 9,000 Prepaid per 1,000..... **53.00**
10,000—24,000 Prepaid per 1,000..... **52.00**
25,000—49,000 Prepaid per 1,000..... **50.00**

Planco Bagasse Pots

The newest in transplantable pots

Planco Bagasse Pots almost totally disintegrates in just one month after transplanting.

WHAT IS A BAGASSE POT

The bagasse pot is made from the residue of manufacturing sugar from sugar cane. Bagasse is the fiber and pith from the cane. The bagasse is processed and divided into two parts—fiber and pith. They are then reunited in proper proportion to make the pots. The fiber holds the pot together and the pith fills in the spaces between the fibers.

WHY A BAGASSE POT

Bagasse fibers are longer and larger in diameter than wood fibers, the binding agent in peat pots. These fibers make a bagasse pot stronger when either wet or dry. Since bagasse is manufactured, the pots are more uniform. Both the fiber and the pith will disintegrate, unlike peat pots. This disintegration allows the plant to develop its entire root system once transplanted into the soil. Disintegration will not take place above ground.

SHOULD I USE BAGASSE POTS

If you want total pot disintegration—YES! Bagasse Pots will hold up about 3-to-4 months above ground. For short term crops, you should use Bagasse Pots. For long term crops, we suggest you use Planco Val-Peat Pots. Planco Bagasse Pots are manufactured under the same high Quality Control procedures as are the Peat Pots. They are made in Louisiana where Sugar Cane is grown extensively. Try Planco Bagasse Pots this year—you will be glad you did.

Planco Bagasse Pots

The Modern Organic Transplanter Pots

SUPERIOR BECAUSE OF THESE FEATURES

• Better Moisture Control

Because bagasse fibers are larger and stronger than fibers in other organic materials the wall structure of Planco Pots is more porous than any other organic transplanter. This porous quality allows almost **twice as much** moisture movement while on the bench or after transplanting. Water and water borne nutrients quickly absorb into and penetrate the pot walls while excessive water is free to drain off. The results are that Planco Pots require less water, less labor and produce faster growing plants.

• Better Root Aeration

Good root aeration is an essential ingredient and is as vital to any plant's growth as nutrients and water. The same porous quality of molded bagasse fibers also accounts for the superior root aeration provided by Planco Pots.

• Easier Root Penetration

Because of their smaller fiber structure and the physical changes that take place during processing other organic transplanters sometimes tend to "case-off" by forming a glaze around the outer walls. This seals off the pores of the pot thereby inhibiting moisture transfer, root aeration and the growth of feeder roots of the more fibrous rooted plants.

Quality control of the bagasse fibers insures Planco Pots against "case-off." Complete porosity allows even the finest of hair roots to penetrate the pot walls and to develop a healthy root structure for maximum plant growth.

• Added Strength for Handling

Although Planco Pots absorb moisture faster than other organic transplanter pots their sturdy structure provides added strength for handling—even when wet. The danger of crumbling and tipping is always at a minimum whether in use or in shipping.

• Better Disintegration

Planco Pots disintegrate. The pot remains intact while it is above ground. Once it's planted in the ground it disintegrates, you can't even find the pot one month later.

Sold in original cases only.

Size	Packed		Eastern States Per 1000 Pots (Per Case)			*Western States Per 1000 Pots (Per Case)			Wt. Per case
			1–9 cs.	10–24 cs.	25 cs. up	1–9 cs.	10–24 cs.	25 cs. up	
S-1782A 1¾" Square	per case 3000	per 1000 per case	**7.60 (22.80)**	**7.25 (21.75)**	**6.90 (20.70)**	**7.98 (23.94)**	**7.61 (22.83)**	**7.25 (21.75)**	28 lbs.
S-1782B 2¼" Round	3000	per 1000 per case	**7.95 (23.85)**	**7.60 (22.80)**	**7.25 (21.75)**	**8.35 (25.05)**	**7.98 (23.94)**	**7.61 (22.83)**	35 lbs.
S-1782C 2¼" Square	2000	per 1000 per case	**9.10 (18.20)**	**8.70 (17.40)**	**8.30 (16.60)**	**9.56 (19.12)**	**9.14 (18.28)**	**8.72 (17.44)**	32 lbs.
S-1782D 3" Round	1000	per 1000 per case	**14.00 (14.00)**	**13.35 (13.35)**	**12.70 (12.70)**	**14.70 (14.70)**	**14.02 (14.02)**	**13.34 (13.34)**	22 lbs.
S-1782E 3" Square	1000	per 1000 per case	**16.90 (16.90)**	**16.15 (16.15)**	**15.40 (15.40)**	**17.75 (17.75)**	**16.96 (16.96)**	**16.17 (16.17)**	31 lbs.

Quantity Discounts

Orders of $1500.00—2% Discount
Orders of $3000.00—3% Discount
Orders of $4500.00—4% Discount
Orders of $6000.00—5% Discount

Various sizes may be combined to obtain quantity prices.

*Western States include Washington, Oregon, Idaho, California Utah, Nevada, Arizona, Alaska & Hawaii.

Prices prepaid on all orders weighing 150 lbs. or more in U.S.A. except Hawaii and Alaska.

Combine any Bagasse Pots with Val Paks, Market-Paks, Peat Pots and Planco Pot Trays to make 150 lbs.

PLANCO VAL-PEAT POTS

Truly the best

Since Val-Peat pots were first introduced, the quality has constantly improved. Today, they are truly America's best peat pots. We invite you to compare Val-Peat Pots with any other peat pots and you will agree, they are the best.

COMPARE!

WHY PLANCO VAL-PEAT POTS EXCEL:

1. **Only pure sphagnum peat and high quality wood cellulose are used to make Val-Peat Pots.**
2. **Fertilizer content is the same, case after case, after case.**
3. **Quality Control during manufacturing is checked constantly.**
4. **Finest root penetration.**
5. **Made in America with finest equipment.**

COMPARE: and you, too, will switch to Val-Peat Pots—Truly the best.

Val Peat Pot Strips

FINEST STRIP MADE

The same high quality materials and workmanship go into the "Strips" that go into the Planco Val-Peat Pots. See page 97 for containers to hold them.

PLANCO VAL-PEAT POTS

Truly "the" Best

Florists, Nurserymen and Vegetable Growers all use Planco Val-Peat Pots. More and more growers each year use Val-Peat Pots. They tell us "I like Val-Peat Pots; there are more usable pots per case. Less are damaged during transit. Pots are easier to handle when they are ready to sell or transplant to the field." You can rely on uniform high quality, case after case because they are made in the most modern American factory by skilled workers. Use Planco Val-Peat Pots and confirm for yourself why more growers switched to Val-Peat Pots.

Size	Packed		Eastern States **Per 1000 Pots** (Per Case)			*Western States **Per 1000 Pots** (Per Case)			Wt. per case
			1–9 cs.	10–24 cs.	25 up	1–9 cs.	10–24 cs.	25 cs. up	
Size: Top INSIDE measurement	Packed								
S-1705A 1¾" Square	3000	per 1000 per case	**7.60 (22.80)**	**7.25 (21.75)**	**6.90 (20.70)**	**7.98 (23.94)**	**7.61 (22.83)**	**7.25 (21.75)**	28 lbs.
S-1705B 2¼" Round	3000	per 1000 per case	**7.95 (23.85)**	**7.60 (22.80)**	**7.25 (21.75)**	**8.35 (25.05)**	**7.98 (23.94)**	**7.61 (22.83)**	35 lbs.
S-1705C 2¼" Square	2000	per 1000 per case	**9.10 (18.20)**	**8.70 (17.40)**	**8.30 (16.60)**	**9.56 (19.12)**	**9.14 (18.28)**	**8.72 (17.44)**	32 lbs.
S-1705D 3" Round	1000	per 1000 per case	**14.00 (14.00)**	**13.35 (13.35)**	**12.70 (12.70)**	**14.70 (14.70)**	**14.02 (14.02)**	**13.34 (13.34)**	22 lbs.
S-1705E 3" Square	1000	per 1000 per case	**16.90 (16.90)**	**16.15 (16.15)**	**15.40 (15.40)**	**17.75 (17.75)**	**16.96 (16.96)**	**16.17 (16.17)**	31 lbs.
S-1705F 4" Round Std.	500	per 1000 per case	**31.00 (15.50)**	**29.50 (14.75)**	**28.00 (14.00)**	**32.55 (16.28)**	**30.98 (15.49)**	**29.40 (14.70)**	31 lbs.
S-1705G 4" Azalea	500	per 1000 per case	**31.00 (15.50)**	**29.50 (14.75)**	**28.00 (14.00)**	**32.55 (16.28)**	**30.98 (15.49)**	**29.40 (14.70)**	32 lbs.
S-1705H 1¾" Strip	2400	per 1000 per case	**7.30 (17.52)**	**6.95 (16.68)**	**6.60 (15.84)**	**7.67 (18.40)**	**7.30 (17.52)**	**6.93 (16.63)**	00 lbs.

Quantity Discounts

Orders of $1500.00—2% Discount
Orders of $3000.00—3% Discount
Orders of $4500.00—4% Discount
Orders of $6000.00—5% Discount

Various sizes may be obtained to obtain quantity prices.

*Western States include Washington, Oregon, Idaho, California, Utah, Nevada, Arizona, Alaska & Hawaii.

Prices prepaid on all orders weighing 150 lbs. or more in U.S.A. except Hawaii and Alaska.

Combine Peat Pots with Bagasse Pots, Val Paks, Market-Paks, Planco Garden Paks, Glamour Paks and Planco Pot Trays to make 150 lbs.

GLAMOUR PAKS

THE FINEST IN PLASTIC PAKS

WHY ARE GLAMOUR PAKS THE FINEST?

1. **Better material. Only virgin material is used in Glamour Paks. The plastic has not been reground. Virgin material is more flexible and resists cracking.**
2. **Better Design. Handles easier and is more pleasing to the eye.**
3. **Exceptionally practical—Designed by a florist for florists. 3 years of testing and use proved their ruggedness.**
4. **Better molding. Hold a Glamour Pak up to the light and you will see a uniform color throughout. There are no weak or thin spots.**
5. **Beautifully colored—a light pleasing green, a color to complement your plants, and make them look richer.**
6. **More marketable—Trim, attractive, modern Glamour Paks have immeasurably greater sales appeal.**

COMPARE AND YOU WILL USE GLAMOUR PAKS—TRULY THE FINEST

MODEL 57TS6

6 Paks fastened together giving overall dimension of 13¼x16x2½. Individual Pak 5⅓x6⅝x2½. Fits Standard Grape or Tomato Lug.

MODEL 78TL4

4 Paks fastened together giving overall dimensions of 13¼x16x2½. Individual Pak 6⅝x8x2½. Fits Standard Grape or Tomato Lug.

Glamour Paks

TODAY'S MODERN BEDDING PLANT CONTAINERS

11 SIZES TO CHOOSE FROM

Model	Individual Container Size	Flat Size	Paks Per Case	1-9 Ctns. Per Case	1-9 Ctns. Per 1,000	10-24 Ctns. Per Case	10-24 Ctns. Per 1,000	25 Ctns. Up Per Case	25 Ctns. Up Per 1,000	Wt. Per Case
35TS8	3¾ x 5¼	10½ x 15	800	**22.40**	**28.00**	**20.40**	**25.50**	**18.40**	**23.00**	18 lbs.
55TS8	5 3/16 x 5¼	10½ x 20¾	800	**26.40**	**33.00**	**24.00**	**30.00**	**21.60**	**27.00**	20 lbs.
57TS6	5⅓ x 6⅝	13¼ x 16	600	**24.00**	**40.00**	**21.90**	**36.50**	**19.80**	**33.00**	18 lbs.
57TL6	5⅓ x 6⅝	10⅔ x 19⅞	600	**24.00**	**40.00**	**21.90**	**36.50**	**19.80**	**33.00**	18 lbs.
57TS8	5⅓ x 6⅝	13¼ x 21⅓	800	**32.00**	**40.00**	**29.20**	**36.50**	**26.40**	**33.00**	25 lbs.
58TS8	5 x 7	14 x 20	800	**31.60**	**39.50**	**28.80**	**36.00**	**26.00**	**32.50**	24 lbs.
66TS8	5½ x 5½	11 x 22	800	**28.80**	**36.00**	**26.40**	**33.00**	**24.00**	**30.00**	22 lbs.
68TS8	5½ x 7½	15 x 22	800	**36.40**	**45.50**	**33.20**	**41.50**	**30.00**	**37.50**	30 lbs.
69TL6	5⅞ x 7⅞	11¾ x 23⅝	600	**31.80**	**53.00**	**28.80**	**48.00**	**25.80**	**43.00**	25 lbs.
78TL4	6⅝ x 8	13¼ x 16	400	**26.40**	**66.00**	**24.00**	**60.00**	**21.60**	**54.00**	18 lbs.
817	7½ x 16½	Seed Flat	50	**15.80**	**316.00**	**14.40**	**288.00**	**13.00**	**260.00**	11 lbs.

All Prices Prepaid east of the Rocky Mountains. Add $2.50 per 1000 for delivery west of the Rocky Mountains.

Planco Garden Paks

THE NEWEST IN BUDDING PLANT CONTAINERS

From any Angle
PLANCO GARDEN PAKS
Are Your Best Buy . . .
Switch Today!

BEDDING PLANT CONTAINERS HELP SELL

The selling of bedding plants has changed considerably since the idea of carry-home paks was introduced some year ago. The paks themselves have also changed. Now Vaughan's offer you the most modern, best designed and practical bedding plant container available. It is the new PLANCO GARDEN PAK. Check these profit making features:

- **MODERN DESIGN—for greater eye appeal**
- **BOTTOM VENTILATOR—for better moisture control**
- **PROPER DRAINAGE HOLES—lets paks dry out uniformally**
- **BETTER NESTING—saves 30% on storage of empty containers**
- **REUSABLE—unsold plants can be knocked out and containers stored till next season**
- **PROPER COLOR—color compliments the plants themselves**
- **Most popular sizes**

				Price per 1,000				Weight per Case
Cat. No.	Model	Size	Packed	250-750	1,000-9,750	10,000-49,750	50,000-Up	
S1742A	110	5½x7½x2⅝	**250**	**$42.00**	**$40.00**	**$38.00**	**$35.00**	25 lbs.
S1742B	160	6 x10 x2⅝	**250**	**65.00**	**61.00**	**57.00**	**53.00**	35 lbs.

Sizes may be combined for minimum price. Orders for 150 lbs. or more ship Pre-Paid Except in Utah, Washington, Oregon, California, Arizona, Nevada, Idaho, Hawaii, and Alaska. Combine, Market-Paks, Val-Peat Pots and Val-Peat Pot Trays to make 150 lbs.

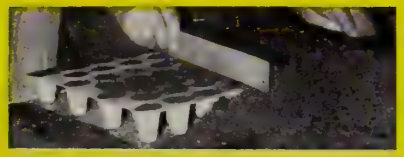
Money — Saving MULTIPOTS

Produce Better Plants at Lower Cost
Save Labor, Save Soil, Save Space

The Secret of Multipot . . . It's a flexible plastic tray with moded-in, pot-shaped depressions. Plastic is extra smooth for easy plant removal and is water and air-tight to prevent the evaporative cooling of plant roots which can stunt growth. Drain hole in base of each pot. Trays are all 12x22 inches in size and are available with choice of pot sizes from 1¼ inches to 2¾ inches. There are 24 to 100 pots per sheet depending on size of pot. Multipots are completely durable. Use them over and over again; they should last 3 or more years in average service. Unharmed by chemical sterilization.

EASIER TO USE . . .

Simply heap on soil, then . . .



Level off soil with board and . . .

Plant individual cuttings.
And that's all you do.

SIZES AND PRICES

S-1721A M-35—100, 1¼-in. Pots per tray
S-1721B M-40— 77, 1½-in. Pots per tray
S-1721C M-50— 54, 2-in. Pots per tray
S-1721D M-70— 27, 2¾-in. Pots per tray

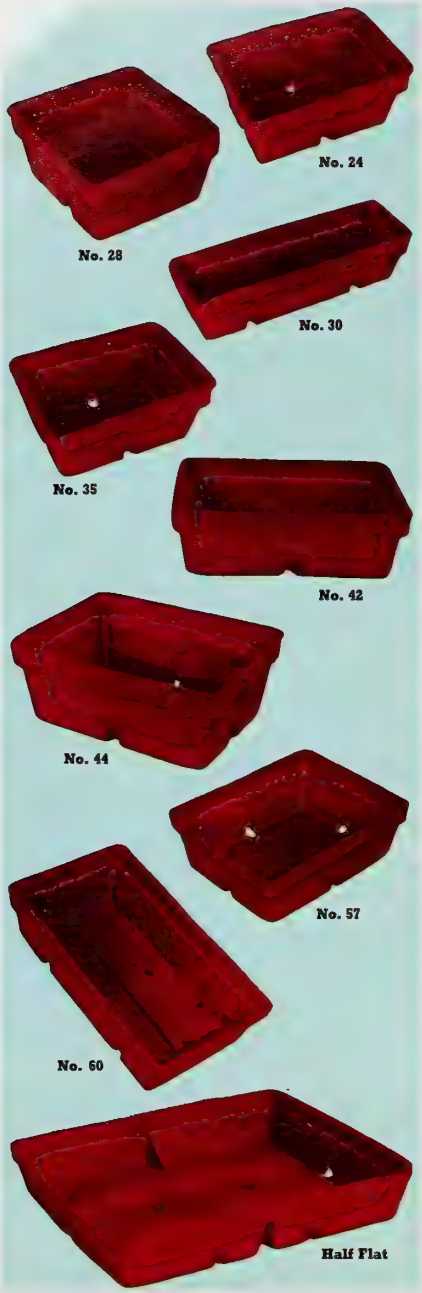
20 Trays per Case Prices (all sizes)

1- 9 Cases	$15.00
10-24 Cases	12.50
25 Cases Up	10.00

To make planting even easier and faster, use the Multiple Dibber shown below. Just place it over tray with points in line with pots and press down. Presto! A whole row of holes in the time it ordinarily takes to make one!

S-1074 MULTIPLE DIBBER for each size tray $1.50, Postpaid. **State size.**

Add 5% for delivery in Washington, Oregon, California, Utah, Nevada, Arizona, Idaho, Alaska, and Hawaii.
Prepaid to all states except Alaska and Hawaii.



Market Paks for Modern Merchandising

Ideal containers for growers specializing in seedlings. Strong and durable—hard-pressed wood fiber impregnated with asphalt. Used by growers for over 7 years and are well-known as a quality container. Available in 9 sizes to fit your growing needs.

Sizes may be combined for minimum price. Orders for 150 lbs. or more ship Pre-Paid Except in Utah, Washington, Oregon, California, Arizona, Nevada, Idaho, Hawaii, and Alaska. Combine Market-Paks, Val-Peat Pots and Planco Pot Trays and other containers to make 150 lbs.

No. 24 4⅛x5¾x2½ in. Packed 250 per case. Minimum order 250. 16 lbs. per case.

Quantity	Per 1000
250 to 750	**$30.00**
1000 to 9,750	**28.00**
10,000 to 49,750	**26.00**
50,000 UP	**24.00**

No. 28 5⅛x5½x2¾ in. Packed 250 per case. Minimum order 250. 20 lbs. per case.

Quantity	Per 1000
250 to 750	**$37.00**
1000 to 9,750	**35.00**
10,000 to 49,750	**33.00**
50,000 UP	**30.00**

No. 30 2⅞x10¼x2⅜ in. Packed 200 per case. Minimum order 200. 16 lbs. per case.

Quantity	Per 1000
200 to 800	**$39.00**
1000 to 9,800	**37.00**
10,000 to 49,800	**35.00**
50,000 and UP	**32.00**

No. 35 5³⁄₁₆x6⅝x2¾ in. Packed 200 per case. Minimum order 200. 18 lbs. per case.

Quantity	Per 1000
200 to 800	**$41.00**
1000 to 9,800	**39.00**
10,000 to 49,000	**37.00**
50,000 UP	**34.00**

No. 42 5½x7½x2⅜ in. Packed 200 per case. Minimum order 200. 19 lbs. per case.

Quantity	Per 1000
200 to 800	**$42.00**
1000 to 9,800	**40.00**
10,000 to 49,800	**38.00**
50,000 and UP	**35.00**

No. 44 5½x7½x2¾ in. Packed 200 per case. Minimum order 200. 21 lbs. per case.

Quantity	Per 1000
200 to 800	**$48.00**
1000 to 9,800	**46.00**
10,000 to 49,800	**44.00**
50,000 UP	**41.00**

No. 57 6¾x8⅜x2¾ in. Packed 200 per case. Minimum order 200. 25 lbs. per case.

Quantity	Per 1000
200 to 800	**$63.00**
1000 to 9,800	**59.00**
10,000 to 49,800	**55.00**
50,000 and UP	**51.00**

No. 60 6x10x2⅝ in. Packed 200 per case. Minimum order 200. 28 lbs. per case.

Quantity	Per 1000
200 to 800	**$65.00**
1000 to 9,800	**61.00**
10,000 to 49,800	**57.00**
50,000 and UP	**53.00**

Half Flat 10x12x2⅜ in. Packed 200 per case. Minimum order 200. 46 lbs. per case.

Quantity	Per 1000
200 to 400	**$110.00**
600 to 4,800	**100.00**
5,000 and UP	**90.00**

PLANCO FLATS

PLANCO FLATS For New Economy and Convenience

AT LAST! A flat you use once and can afford to throw away. This flat is made from specially treated box-board material. Waterproof coating applied on both sides. They are sturdy and last at least a full season. Tested by leading growers for two years. Cut your flat bill in half—use Planco Flats this season.

Size	Packed	Prices per 1000			
		50-450	500-950	1000 & Up	Wt. Per 1000
10"x12"	50	**167.10**	**158.75**	**150.40**	530 lbs.
10½"x20¾"	50	**230.50**	**219.00**	**207.45**	805 lbs.
10 11/16"x19⅞"	50	**226.40**	**215.10**	**203.75**	780 lbs.
11" x22"	50	**243.70**	**231.50**	**219.35**	865 lbs.
11¼"x16¼"	50	**220.00**	**209.00**	**198.00**	675 lbs.
11¾"x23⅝"	50	**277.90**	**264.00**	**250.10**	1030 lbs.

Freight: Prepaid in lots of 250 or more east of the Continental Divide. Otherwise, f.o.b. Downers Grove, Illionis or Bound Brook, New Jersey.

PLANCO VARIETY BOXES

PLANCO VARIETY BOXES Help Build Sales

Planco Variety Boxes make ideal containers for Spring combination boxes. They are lightweight, easy to store and attractive. Made of durable, specially-treated box-board—similar to Planco Flats. Just cover with foil, add a bow and you have an attractive, inexpensive container. Ideal for Spring holidays and cemetery work.

Model and Size	Pkd.	Prices per 1000			
		50-450	500-950	1000 & Up	Wt. Per 1000
10x5½x4½	50	**180.00**	**171.00**	**162.00**	750 lbs.
13x5½x4½	50	**200.00**	**190.00**	**180.00**	835 lbs.
15x5½x4½	50	**250.00**	**237.50**	**225.00**	910 lbs.
18x5½x4½	50	**280.00**	**266.00**	**252.00**	1035 lbs.

Freight: Prepaid in lots of 250 or more east of the Continental Divide. Otherwise, f.o.b. Downers Grove, Illionis or Bound Brook, New Jersey.

PLASTIC POTS
Are The Modern Pots

Plastic Pots are growing in popularity with more and more growers. Plastic pots are lighter to handle, resist breaking, easier to pack and ship, more eye appealing and in short, make pot crops more profitable. Compare these advantages with your present containers and you too will want to use plastic pots. Choose from our complete selection.

	Approximate Dimensions	Pots per Case	Price per Case 1-9 Cases	Utility Color Price per 1,000 1-9 Cases	10 Cases & Over	Wt. per Case
ROUND POTS						
R-200	2″ x2″	2,000	$20.00	$10.00	$ 9.00	27
R-225	2¼″x2¼″	2,000	21.50	10.75	9.70	34
R-250	2½″x2½″	2,000	23.00	11.50	10.35	36
R-300	3″ x3″	1,000	15.50	15.50	13.95	34
R-400	4″ x4″	500	14.75	29.50	26.55	30
R-500	5″ x5″	300	18.00	60.00	54.00	38
R-600	6″ x6″	120	11.40	95.00	85.50	25
R-700	7″ x7″	72	11.16	155.00	139.50	25
R-800	8″ x7″	100	20.00	200.00	180.00	32
ROUND TUBS or ¾ POTS						
RT-350	3½″x2¾″	1,000	24.00	24.00	21.60	37
RT-400	4″ x2⅞″	500	14.00	28.00	25.20	23
RT-500	5″ x3¾″	400	22.80	57.00	51.30	38
RT-600	6″ x4½″	120	9.84	82.00	73.80	21
SQUARE POTS						
S-225 (2¼″)	2⅛″x2″	2,000	20.00	10.00	9.00	30
S-250 (2½″)	2⅜″x2⅛″	2,000	25.00	12.50	11.25	38
S-300 (3″)	2¾″x2⅜″	1,000	17.00	17.00	15.30	31
S-400 (4″)	3¾″x3¼″	500	15.00	30.00	27.00	30
SQUARE ROSE POT						
SRP-250	2⅜″x3¼″	1,000	20.00	20.00	18.00	33
PLANTA CAN						
#10 (Gallon)	6⅝″x6½″	150	17.25	115.00	103.50	43
PLANTA PAKS						
BF47	5 11/16″x4⅛″x2	500	17.75	35.50	32.00	35
BF53	5⅛″x5⅛″x2 3/16″	300	11.10	37.00	33.00	23
BF90	5″x7½″x2⅝″	200	12.00	60.00	54.00	31
BF123	6½″x8″x2⅝″	150	9.75	65.00	58.50	28
PERMA CANS (Jet Black)						
#5 (Quart)	5″x4″	400	25.20	63.00	56.70	31
#7 (2 Quart)	6″ x4½″	120	11.64	97.00	87.00	21
#10 (Gallon)	6⅝″x6½″	150	19.50	130.00	117.00	35
#20 (2 Gallon)	8″ x7″	100	17.50	175.00	157.50	27

Order 100 Cartons or more and save 5% off the 10 Ctn. price plus we will pay the freight. (Offer good only East of Continental Divide.)

All prices per 1,000 F.O.B. Orlando, Florida; South Rockwood, Michigan; Bound Brook, New Jersey; Downers Grove, Illinois and Brownsville, Texas. All orders for 100 cartons or more shipped prepaid (freight allowed) East of the Continental Divide. Orders for 100 ctns. or more are 5% less than the 10 case price. Add 10% to all prices for white.

ITEMS TO HELP FLORISTS MAKE MORE SALES

(H) FLORIST FOIL

S-201 FLORIST-FOIL. Colored aluminum foil used for pot covers, etc. Colored on one side, silver on the other. Rolls 20 inches wide. Colors, violet, silver, gold, green, red, purple, fuchsia, pastel green, pastel blue, and blue. Per 50-ft. roll, $1.15; 10 rolls for $11.00; 25 rolls for $25.00.

(I) **S-202 GRAPE LEAF EMBOSSED FLORIST FOIL.** In all colors. Rolls 20 inches wide, 50 feet long, each, $1.25; 10 rolls, $12.00; 25 rolls for $28.75.

(C) EEZY WEAR GLOVES

Made of imported leather processed to make it pliable as kid and washable. An ideal glove for men and women gardeners. Will outwear six cotton gloves. Sizes for women. #626 "Small," "Medium," "Large". Men's sizes #606 "Medium" and "Large."

Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
S-135	626	12	4 lbs.	**$15.00**	$1.98
S-136	606	12	4 lbs.	**15.00**	1.98

(J) **S-195 FLORALIFE.** Floralife is now so formulated that it achieves TWO-WAY superiority: 1. Works in both "hard" and "soft" waters . . . no need for acids or other additions. 2 Concentrated! Stems never turn black! Water never discolors!
Longer-lasting Floralife fed flowers mean more and better business for all of us. Floralife costs only pennies . . . order YOURS today! FLORALIFE sells on sight at 10c to all flower lovers. A fine profit for you. Packet prices in cartons; 25 2-qt. size, $1.25; 100 2-qt. size, $5.00.

	Packed	Weigh	Price
30-qt. size ($1 retail)	12	9 lbs.	$7.20
100-qt. size ($3 retail)	12	31	21.00
250-qt. drum	6	34	24.00
500-qt. drum	1	12	7.50
1000-qt. drum	1	23	13.50
2000-qt. drum	1	46	25.00

Minimum order for supplies is $5.00. To continue the fine service and completeness of stock, we ask your cooperation in making your order for supplies a minimum of $5.00

(D) **S-988 NO. 105A REVOLVING VOGUE DISPLAY.** A beautiful Lazy Susan type rack that will keep your VOGUE stocks turning—physically and financially! Gay decorator colors. Sturdy modern design. This point-of-sale display will increase dealer turn-over and profits by boosting impulse buying. Shipped complete with 58 best selling VOGUE Flower Holders. Retail Value $55.00; Your cost, $33.00.

BREAKDOWN OF DISPLAY ASSORTMENT No. 105A

ITEM NO.	NO. OF UNITS	ITEM NO.	NO. OF UNITS
1—Pin Type	6	41—Pin Type	8
2—Pin Type	5	51—Aqua Pin Cup	1
3—Pin Type	4	52—Aqua Pin Cup	2
4—Pin Type	2	55—Aqua Pin Cup	1
5—Pin Type	1	65—Pin Type	2
6—Pin Type	2	71—Mesh Type	1
8—Pin Type	2	74—Mesh Type	1
9—Pin Type	2	20—Gift Box Ass't.	1
10—Pin Type	1	82—Floral Clay	12
11—Inter Lock	2	95C Candle Holder set	1
32—Pin Dome	1		
		TOTAL UNITS	58

VOGUE PIN TYPE FLOWER HOLDERS

S-990 All Vogue Flower Holders are constructed of the finest materials with heavy lead alloy bases and needle sharp SOLID BRASS PINS very closely set. HEAVY—RUST-PROOF—NON-CORROSIVE.

No.	Weight Per Doz.	Size of Base Round Style	Price Per Doz.	Retail each
No. 0	2 lbs.	1⅜"	$1.50	$ .25
No. 1	3 lbs.	1⅝"	2.10	.35
No. 2	5 lbs.	2⅛"	5.10	.85
No. 3	6 lbs.	2⅝"	6.90	1.15
No. 4	10 lbs.	3⅛"	8.10	1.35
No. 5	14 lbs.	3⅝"	11.10	1.85
No. 6	20 lbs.	4¼"	16.50	2.75
No. 7	30 lbs.	6"	23.70	3.95

No.	Weight Per Doz.	Oval style	Price Per Doz.	Retail each
No. 8 Oblong	6 lbs.	1¾" x 3½"	$6.00	$1.00
No. 9 Oval	6½ lbs.	1⅞" x 3½"	6.90	1.15
No. 10 Oval	9 lbs.	2¼" x 4⅜"	10.50	1.75
No. 65 Rect.	9 lbs.	1⅛" x 5"	7.50	1.25

(G) **S-986 VOGUE FLORAL CLAY.** Waterproof—Odorless—Permanently Plastic. Used to anchor flower holders, candles, figurines, dry arranging materials, etc. securely to the bottom of any floral container. Color: Floral Green only. Model 82 display carton of 12—25c size, $1.50; Model 83 1 lb. retails at 60c, per carton of 5—1 lb. for $1.50.

(K) PEARL CHIPS

For growing Bulbs in Bowls and Pots.

S-802 PEARL CHIPS, WHITE, for growing Bulbs in bowls at $5.00 per 100 lbs.

S-803 PEARL CHIPS, COLORED, $7.00 per 100 lbs. Write us for prices on larger quantites.

S-800 PEARL CHIPS IN ATTRACTIVE PACKAGES. White Pearl Chips per carton of 36 pkgs., $3.85.

S-801 Colored Pearl Chips per carton of 36 pkgs., $4.10.

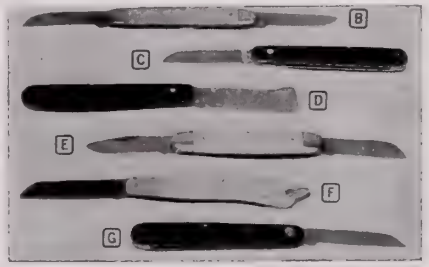
(E) **S-801A HYACINTH GLASSES** (Vases). In crystal shade only. Per carton of 36 vases, $13.75; 3 carton lots at $13.50 per carton. Sold in original cartons only.

(F) **S-1122 LEAF-GLOW AEROSOL BOMB.** Original spray for shining leaves. Makes your green plants more attractive.

Cat. No.	Size	Packed	Cost	Retail
S-1122	5 oz.	12	**$7.20**	$1.00
	12 oz.	12	**15.00**	2.25

GRASS GROWING HEADS, a terra cotta novelty. Natural color. Grooves in heads hold seed. Simple to use. Just soak head in water over night, fill with water and spread the seed very thickly over all the head. In about a week a lovely head of green hair will appear. Can be "crew cut" or styled to suit your fancy. In two sizes complete with seed and directions. **Sold in cartons only.** Extra packets of seed, per dozen 80c.

	Cat. No.	Packed	Wt.	Dealers Cost	Retail
(A)	**S-1102A**	Sunny Jim Head 24	24 lbs.	**$10.80**	$1.00
(B)	**S-1102B**	Buddy Head 12	21 lbs.	**10.80**	2.00



FLORISTS' KNIVES

The Budding, Grafting, Pruning and Florists' Knives illustrated below are designed and made to meet the exacting requirements of nurserymen, orchardists, florists and gardeners who are extremely particular in the choice of their cutting equipment. Postage extra.

(B) **S-121 BUDDING & GRAFTING KNIFE. Model 727W Imported two blade.** Each, $4.75; 6 for $25.20; 12 for $47.00.

(C) **S-116 VAUGHAN'S FLORIST KNIFE WITH GRAFTING BLADE.** Model 182, each $2.25; 6 for $11.50; Doz., $19.80.

(D) **S-120 BUDDING Model 780HR.** Black handle; each $4.50; 3 for $12.00; 6 for $22.00.

(E) **S-117 VAUGHAN'S BUDDING AND GRAFTING KNIFE.** Model 716, with 2 blades and Brass Caps, Each, $2.75; 6 for $14.40; Doz., $24.60.

(F) **S-115 WHITE HANDLE, FLORISTS GRAFTING KNIFE.** Model 195, silver nickel schackle for chain attach. Each, $2.00; 6 for $11.00; Doz., $19.20.

(G) **S-122 FLORIST KNIFE WITH GRAFTING BLADE. Model 778CB.** Each, $4.00; 6 for $22.00; Doz., $40.00.

Minimum order for supplies is $5.00. To continue the fine service and completeness of stock, we ask your cooperation in making your order for supplies a minimum of $5.00.

PLASTIC STERILIZING CLOTH

The best available. Clings to the sides of benches. No need to add weights. Can be Electronically sealed to any Dimension. This is a 8 mil material.

	Each	5 or more
4½ ft. x 100 ft.	**$21.60**	**$20.70**
6 ft. x 100 ft.	**28.80**	**27.60**

For special sizes see V-508 listed below.

S-1453 PLASTIC MENDING TAPE, suitable for patching polyethylene. Ideal for patching and mending. This pressure sensitive tape available in rolls 2 inches wide and 100 ft. long.

Each $3.75
12 for 36.00

S-1452 VIS QUEEN ULTRAVIOLET RESISTANT POLYETHYLENE FILM .004 GAUGE 4 MIL

This is the newest glazing film on the market. No other polyethylene film will last as long as this one. This material has been tested for two years in many different sections of the country with outstanding results. If you are presently using this type of greenhouse you will be glad you tried the new Ultraviolet Resistant Polyethylene film. All film shipped flat, no folds.

Size	Per Roll	5 Rolls Each	Wt.
3 x 100	**$4.40**	**$ 4.00**	6 lbs.
8 x 100	**11.35**	**10.35**	16 lbs.
10 x 100	**13.85**	**12.60**	21 lbs.
12 x 100	**17.20**	**15.60**	23 lbs.
14 x 100	**19.25**	**17.50**	27 lbs.

S-1840 VINYL FILM F.O.B. OHIO ONLY

STOCK No.	GAUGE	DESCRIPTION	STOCK WIDTHS	CUSTOM LENGTHS STOCK ROLLS: Less than 1,000 Sq. Ft.	1,000 to 10,000 Sq. Ft.	SIZE	1-5 ROLLS	6 and OVER
				(Price Per Sq. Ft.)				
V-104	4 Mil	**Weatherable Vinyl —Clear**	4½ 5¼ 6 Ft.	**2.5c**	**2.4c**	4½' x 200' 5¼' x 200' 6 ' x 200'	**21.60** **25.20** **28.80**	**20.70** **24.15** **27.60**
V-108	8 Mil	**Weatherable Vinyl —Clear**	4½ 5¼ 6 Ft.	**5c**	**4.8c**	4½' x 100' 5¼' x 100' 6 ' x 100'	**21.60** **25.20** **28.80**	**20.70** **24.15** **27.60**
V-204	4 Mil	**Weatherable Vinyl —Diffused Lite**	4½ 5¼ 6 Ft.	**2.5c**	**2.4c**	4½' x 200' 5¼' x 200' 6 ' x 200'	**21.60** **25.20** **28.80**	**20.70** **24.15** **27.60**
V-208	8 Mil	**Weatherable Vinyl —Diffused Lite**	4½ 5¼ 6 Ft.	**5c**	**4.8c**	4½" x 100' 5¼' x 100' 6 ' x 100'	**21.60** **25.20** **28.80**	**20.70** **24.15** **27.60**
V-508	8 Mil	**Vinyl Sterilization —Cover—Tan** (Soft Formulation)	4½ 6 Ft.	**5c**	**4.8c**	4½' x 100' 6 ' x 100'	**21.60** **28.80**	**20.70** **27.60**
V-515	15 Mil	**Vinyl Sterilization —Cover—Tan** (Soft Formulation)	4½ 6 Ft.	**9.5c**	**9c**	4½' x 100' 6 ' x 100'	**40.50** **54.00**	**38.25** **51.00**
V-608	8 Mil	**Vinyl Sterilization Cover—Green** (Stiff Formulation)	4½ 5 6 Ft.	**5c**	**4.8c**	4½' x 100' 5 ' x 100' 6 ' x 100'	**21.60** **24.00** **28.80**	**20.70** **23.00** **27.60**
V-806	6 Mil	**Porolated Vinyl —Black**	4½ 6 Ft.	**3.7c**	**3.6c**	4½' x 100' 6 ' x 100'	**16.20** **21.60**	**15.75** **21.00**

ELECTRONIC SEALING

Vinyl is calendered in widths up to 6 ft. Wider covers are fabricated by electronically sealing stock width panels together. (Example: two 4½ ft. panels are sealed together to make a cover 9 ft. wide.) Covers may be ordered in any combination of stock widths, as shown above, in any length.

2 Panels
9 ft. to 12 ft. wide — **1c** sq. ft. (add to custom
3 Panels—
13½ ft. to 18 ft. wide — **1.2c** sq. ft. length price)
4 or More Panels—
19½ ft. and wider — **1.4c** sq. ft.
Special Width
7½ ft. wide — **1.2c** sq. ft.
Electronic Sealed Plastic Grommets—
6c per grommet
(For Partitions: Grommets spaced 12" apart along one edge of the film.)

VINYL ADHESIVE

Patching Kit (1¼ oz. tube of adhesive & swatch of vinyl) ..... $ .50
½ Pint Vinyl Adhesive (Brush Top Can) 1.10
Quart Vinyl Adhesive 2.85
Adhesive Dispenser ..... .50
Quart Thinner 1.10

Note: In ordering steam sterilization covers allow 10% in length for shrinkage and contour of the ground. If maximum light transmission is not necessary, electronic sealed covers of weatherable vinyl should be ordered in the diffused lite film—it is easier to fold. The polished surface of the clear film causes it to block.

Because of postal regulations, quart cans of adhesive and thinner must be shipped by Railway Express or Motor Truck.

CLEAR POLYETHYLENE .004 GA.

BLACK AVAILABLE IN 10 FT., 12 FT., 16 FT., & 20 FT. WIDTHS ONLY.
CAT. NO. **S-1450B**

SIZE	WT. PER ROLL	COST PER ROLL	5 ROLLS EACH
3 ft. x 100 ft.	6 lbs.	**$3.00**	**$2.70**
4 ft. x 100 ft.	8 lbs.	**4.00**	**3.60**
6 ft. x 100 ft.	12 lbs.	**6.00**	**5.40**
8 ft. x 100 ft.	15 lbs.	**8.00**	**7.20**
10 ft. x 100 ft.	19 lbs.	**10.00**	**9.00**
12 ft. x 100 ft.	23 lbs.	**12.00**	**10.80**
14 ft. x 100 ft.	27 lbs.	**13.85**	**12.60**
16 ft. x 100 ft.	31 lbs.	**16.00**	**14.40**
20 ft. x 100 ft.	38 lbs.	**20.00**	**18.00**

CLEAR POLYETHYLENE .006 GA.

BLACK AVAILABLE IN 10, 16 & 20 FT. WIDTHS ONLY.
CAT. NO. **S-1450A**

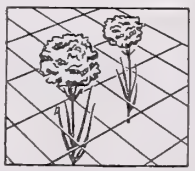
SIZE	WT. PER ROLL	COST PER ROLL	5 ROLLS EACH
3 ft. x 100 ft.	9 lbs.	**$4.40**	**$4.00**
6 ft. x 100 ft.	17 lbs.	**8.80**	**8.00**
10 ft. x 100 ft.	29 lbs.	**14.85**	**13.50**
12 ft. x 100 ft.	35 lbs.	**17.60**	**16.00**
14 ft. x 100 ft.	41 lbs.	**21.00**	**19.00**
16 ft. x 100 ft.	46 lbs.	**23.80**	**21.60**
20 ft. x 100 ft.	58 lbs.	**29.70**	**27.00**

PLANTNET BENCH FABRIC

S-1110 NEW. PLANTNET BENCH FABRIC. An all plastic bench fabric, will not rust. For greenhouse or outdoor cut flower beds. No shipping problem. Can be shipped parcel post. 42 inch x 200 ft. weighs only 3 lbs. F.O.B. Downers Grove, Ill. Mesh size 6x6 inches.

	Price
36" Width, 6 Mesh Across, 200 ft. long ..... ea.	$12.85
42" Width, 7 Mesh Across, 200 ft. long ..... ea.	14.00
48" Width, 8 Mesh Across, 200 ft. long ..... ea.	15.25
54" Width, 9 Mesh Across, 200 ft. long ..... ea.	16.80
60" Width, 10 Mesh Across, 200 ft. long ..... ea.	18.20

S-1845 NEW LIGHT-WEIGHT SLATER'S WIRE Fabric for cut flower support is made of 14 or 16 gauge soft-annealed galvanized electro-welded wire in a 6"x8" mesh pattern. Saves time, labor, lasts for years. All rolls 200 feet long. F.O.B.New York.



	Shipping Weight	14 gauge	16 gauge
36" width	23 lbs.	**$13.95**	**$12.75**
42" width	26 lbs.	**15.10**	**13.90**
48" width	30 lbs.	**16.30**	**15.20**
54" width	34 lbs.	—	**16.75**
60" width	37 lbs.	—	**18.10**

CUPRINOL WOOD PRESERVATIVE. The amazing full-strength wood preservative that meets all needs—not just a few. 1 gallon covers approx. 400 sq. ft. It's a water repellent, rot preventive, termite repellent, superior undercoat for paint. Prevents swelling, shrinking and warping. Stops dry rot, wood borers, fungus.

S-242 CUPRINOL FOR FLORISTS No. 14. For use around the greenhouse. It is recommended for dip or cold soak treatments. Also for sterilizing flats or the wood in benches where the posts or sides do not allow proper sterilization of the wood, and to kill the fungi or nematodes from the previous crop.

5-gal. drum $11.00
50-gal. drum 88.50

S-240 CUPRINOL GREEN FOR WOOD No. 10. Recommended for general use where the green color is desired. It should be used on wood that will be in contact with water, soil, or masonry. Prevents algae in clay pots.

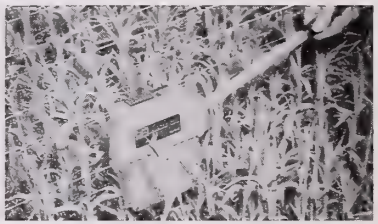
1-gal. drum ..... $ 4.00
5-gal. drum 17.50
50-gal. drum 140.00

G. S. "MASTER" SPRAYER

S-1222 G. S. "MASTER" SPRAYER. For spraying Flowers, Vegetables, Lawns, Trees, Shrubs, Barns, Poultry Houses, Shading Greenhouses, Disinfectants, and a thousand and one other uses. 100% Brass, all parts machined. Equipped with an adjustable nozzle, brass goose neck extension for getting under foliage. Will easily throw a spray stream 35-40 feet, and with a twist of the wrist produce a mist-like spray. Each, $7.75; postpaid $8.35.

S-1223 G. S. "JUNIOR" SPRAYER. An exact take-off of the "Master" except that it is smaller in design. Each $6.35; postpaid $6.85.

S-171A GARLAND WHITE SHADING COMPOUND. 25 lbs. is equivalent to 2 gals. 25 lbs., $5.25; 50 lbs., $9.75; 350 lbs., $52.50; **S-171 green** 3c per lb. higher.



S-1846 P. P. BENCH STRINGER. A hand operated machine weighing approximately one pound. "Stringing" is accomplished by passing the machine across the bench wires. The top and bottom sections of the machine are each loaded with a cartridge of pressure sensitive tape. The two tapes bind to each other and to the wires, forming a new type of "string."

P. P. BENCH STRINGER $98.00
Case of Tape $19.60

(20 cartridges, 240 yds. x .083 wide tape in each cartridge.) F.O.B. Mass.

S-1366 BAMBOO STAKES. Green Painted. Pencil thickness. We do not split bundles of 250.

	Per 250	Per 1000	Per Bale at 2000
1½ feet	$1.75	$4.75	$8.00
2 feet	2.10	5.75	10.00
2½ feet	2.50	8.25	15.00
3 feet	3.50	11.50	20.00
3½ feet	4.00	13.25	24.00
4 feet	5.00	16.00	28.00
6 ft. green	8.75	30.00	54.50
Natural. 6 ft.	8.50	29.00	53.00

S-1364 SPLIT BAMBOO STAKES. Green-thin but strong. Sold in full bales only.

	Packed 5,000
12 in.	$14.00
15 in.	20.00
18 in.	25.00
24 in.	35.00

S-1380 HEAVY TONKIN (BAMBOO) STAKES, NATURAL COLOR: Heavy weight bamboo. Entire stake same weight, does not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen.

Length	Diameter	Per 100	Packed	Price
4 feet	½ to ⅝ inch	$7.00	500 for	**25.00**
5 feet	⅝ to ¾ inch	9.50	250 for	**18.50**
6 feet	⅝ to ¾ inch	10.75	200 for	**18.50**
7 feet	⅝ to ¾ inch	11.00	150 for	**19.00**
8 feet	⅝ to ¾ inch	18.00	100 for	**18.00**

QUANTITY DISCOUNTS

The following discounts will apply on Bamboo Cane Stakes, Split Bamboo Stakes, & Tonkin Stakes.

5 to 9 bales less 5%
10 to 24 bales less 10%
25 and over bales less 15%

TWIST-EMS. Handy utility plant ties, deep green color. The wire running through the center of tape makes them unbreakable. Tape protects stem against injury. For all types of plants. Put up in bundles of 250. For growers and large users of twist-ems.

Cat. No.	Size	Packed		
S-605	4 in.	1000	Per 1000	$ .90
	4 in.	50000	Per 1000	.83
	8 in.	1000	Per 1000	1.60
	8 in.	25000	Per 1000	1.45
	12 in.	1000	Per 1000	2.35
	12 in.	12500	Per 1000	2.23
	16 in.	1000	Per 1000	3.25
	16 in.	10000	Per 1000	2.90

GRAFTING WAX

S-660 Per ¼-lb. bar, 60c; postpaid 65c. ½-lb. bar, 75c; postpaid 85c. 1 lb., $1.10; postpaid $1.25.

A WOOD SEED FLATS

S-1490 Made from clean cypress, knocked down, put up in bundles of ten flats each. Approximate weight per bundle, 50 lbs. **Do Not Break Bundles.**

	Dimensions	Bundle of 10
No. 3	21½x14x2¾ in.	$7.80
No. 3-A	21½x14x3¾ in.	8.10
No. 4	24 x15x2¾ in.	8.30
No. 4-A	24 x15x3¾ in.	8.70

B **S-1755 NODAMPOFF SPHAGNUM MOSS.** Sphagnum moss is a sterile material containing antibiotic qualities. Fungi and bacteria cannot live in it. By sowing seed in a thin layer of this moss spread over the soil in the pot or flat, damping off is prevented. Cuttings rooted in sphagnum are easily transported and transplanted without disturbing their roots. This moss is horticultural grade, milled ready for use. 10 oz. package, **$1.00;** per carton of 12, **$8.00.** 2 bushel bags each, **$3.25; 3 for $8.70.** FOB Downers Grove, Ill.

SPHAGNUM MOSS

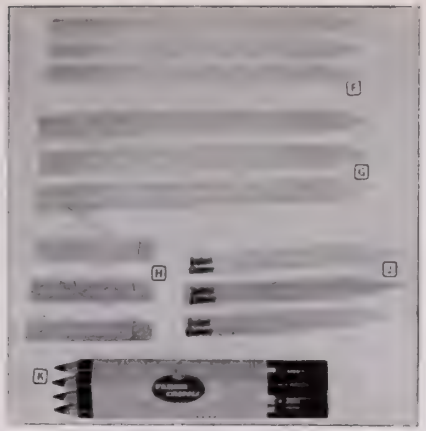
S-1760 SPHAGNUM MOSS in Bales. Bright, clean, new growth, free from brush or grass, is being worked out in Wisconsin district. Size of Bale 45 x 14 x 16 inches.
Prices subject to change without notice.

	F.O.B. Downers Grove, Illinois		F.O.B. Wisc.
1 to 5 bales	Each. $3.00		
6 to 10 bales	Each, 2.90	10 Bale lots,	$2.50
11 to 24 bales	Each, 2.75	25 Bale lots,	2.30

New Jersey Prices 60c per bale higher.

C **S-1446 SOIL SIEVES.** For sifting soil 18 inches in diamter, sizes mesh ¼", ¼", ⅜", ½". Specify size when ordering. Each **$3.75;** postpaid $4.15.

D **S-1057 NEW IMPROVED VIBRA-SEEDER.** A battery operated flower and vegetable seeder for commercial and home gardeners—fits palm of hand—will sow row or flat in fraction of time normally required. Operating cost one flash light battery per season. A real time, labor and seed saver. Price, without battery, each **$3.25,** postpaid.



F **WOOD POT LABELS.** We carry the best quality of Wooden Labels made. They are smooth, strong and neat, ⅝ inch wide. When ordering, specify pot labels or garden stakes, painted or plain. **5% discount in lots of 10M.**

	Packed Carton	F.O.B. Warehouse S-1400 Plain Per 1000	S-1401 Painted Per 1000	POSTPAID S-1400 Plain Per 1000	S-1401 Painted Per 1000
4-in. x ⅝"	1000	$3.20	$3.95	$3.55	$4.30
5-in. x ⅝"	1000	3.45	4.30	3.90	4.75
6-in. x ⅝"	1000	3.80	4.75	4.30	5.25
8-in. x ⅝"	500	5.50	7.00	6.15	7.65
10-in. x ⅝"	500	6.75	8.50	7.10	9.45
12-in. x ⅝"	500	8.00	10.00	9.10	11.20

G **WOOD GARDEN LABELS**

	Packed Carton	F.O.B. Warehouse S-1402 Plain Per 1000	S-1403 Painted Per 1000	POSTPAID S-1402 Plain Per 1000	S-1403 Painted Per 1000
8-in.—⅞"	250	$8.10	$9.50	$9.30	$10.70
10-in.—⅞"	250	9.20	10.75	10.20	12.25
12-in.—1⅛"	100	16.50	19.00	19.00	21.60

H **WOOD TREE LABELS COPPER WIRED.**

	Packed Carton	FOB Warehouse S-1410 Plain 1000	S-1411 Painted 1000	POSTPAID S-1410 Plain 1000	S-1411 Painted 1000
3½x⅝"	1000	$3.85	$4.90	$4.30	$5.35

J **NEW.** All plastic Printed Labels. Available in all Instant Glamour varieties, plus 150 other varieties. Packed 100. All prices Postpaid.

See Page 16

K **WEATHER PROOF PENCILS.** Black lead. Ideal for marking pot labels, garden stakes or other outdoor work.

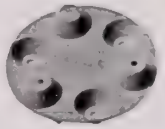
Cat. No.	Packed	Wt.	Dealers Cost	Retail
S-577	12	½ lb.	$ 1.15	$0.15
	36	½ lb.	3.10	.15
	72	1 lb.	5.85	
	144	2 lbs.	10.80	.15

PYLON PLASTIC LABELS. White impact polystyrene. ⅛ in. thick. Mark with soft lead pencil.

Cat. No.	Size	Box Packed	Wt.	Cost per Box
S-599A	M-5	250	2 lbs.	$3.50
S-599B	M-8	100	1½ lbs.	2.75
S-599C	M-12	100	2½ lbs.	5.50
S-599D	S-4½	1000	4¼ lbs.	6.00
S-599E	S-6	500	3¼ lbs.	6.25
S-599F	S-12	100	2½ lbs.	3.20
S-599G	T-1	500	4¼ lbs.	6.50
S-599H	M-13	100	5 lbs.	10.00
S-599I	M-35	100	4 lbs.	7.25
S-599J	EX-10	100	2½ lbs.	2.75

Less 10% on 10 Boxes or more of one size.

S-1352 AERO-DRAIN—FLOWER POT DRAIN HOLE COVER. Now you can save on labor costs, time and increase production. Do away with the muss and fuss of using makeshift broken pot pieces to cover pot holes. Aero-Drains fit 4- to 12-in. pots and go in either side up for easy use. Provide best drainage and air flow. Because they nest neatly they're easy to handle and save space on the potting bench.



QUANTITY	BULK PACK (5,000 per case)	UNIT PACK (1,000 per carton)
1,000 to 9,000		$6.50 per 1,000
10,000 to 40,000	$6.15 per 1,000	6.35 per 1,000
50,000 to 90,000	5.95 per 1,000	6.15 per 1,000
100,000 or more	5.75 per 1,000	6.10 per 1,000

Minimum order 1,000

VAUGHAN'S GREENHOUSE WHEELBARROW

S-1350 Made especially for use in greenhouses between the benches. Dimensions are as follows: Box. 15 in. wide at wheel end; 19½ in. wide at handle end; 11¾ in. deep. The bottom of the box is matched and glued together, and there is no crack against which a shovel might run. The axle is 16 inches wide. Made of best material. Legs reinforced, spread of handles at hand-hold 20 in., which is extreme width of barrow. With Pneumatic Tire, $28.95. F.O.B. Chicago

Insecticides and Fungicides For All Purposes

The table below is presented as a guide to purchasing material only. Consult the label on the package for specific recommendations.

Cat. No.	Item	To Control	Crops	Amt. Per 25 Gallons	Size	Price
S-250	**ARAMITE 15W**	Red Spider	Most	½ lb.	4-lb. bag Case (12—4-lb. bags)	$ 3.50 37.50
S-515	**ARSENATE OF LEAD**	Chewing Insects	Most	¾ lb.	4-lb. bag Case (12—4-lb. bags)	1.75 14.40
S-269	**BLACK LEAF 40**	Aphids, Sucking Insects	Most	1½ oz.	½-gal. (5 lbs.) Gallon (10 lbs.)	11.00 20.50
S-256	**CHLOROBENZILATE 25% W.P.**	Red Spider Mites	Roses & others	¼ lb.	4-lb. bag Case (12—4-lb. bags)	5.80 52.80
S-262	**DDT 50% W.P.**	Chewing Insects, Thrips, White Flies	Most	¼ lb.	4-lb. bag Case (12—4-lb. bags)	1.75 14.40
S-264	**DDT 25% Liquid**	Same as above		½ pt.	Gallon	4.25
S-260	**DDT 5% DUST**	Same as above		—	4-lb. bag Case (12—4-lb. bags)	1.25 10.08
S-513	**DIMITE**	Mites	Cyclamen, evergreens, Shrubs & Flowers	¼ pt.	8 oz. Quart Gallon	2.00 4.25 12.95
S-973	**RED ARROW SPRAY**	Aphids, Leaf Hopper White Flies	Roses & Ornamentals House Plants	1 qt.	Pint Gallon	3.00 16.33
S-280	**SYSTOX (Systemic)**	Red Spider, Aphids, Mites	Mums, Snaps, Carnations	2 oz.	Gallon Case of 6-1 gallon cans	21.20 120.00
S-284	**TEDION 90%**	Mites, Red Spider	Most	1 oz.	1-lb. cans	8.00
S-283	**TEDION 25% W.P.**	Same as above		2 oz.	2-lb. bag 12—2-lb. bags	4.20 45.40
S-282	**THIODAN 50% W.P.**	White Fly, Aphids, Mites	Most	2 oz.	5-lb. bags	12.75
S-290	**VAPOTONE-XX SPRAY**	Red Spider, Aphids	Most	1 oz.	Gallon Case (4—1 gal.)	12.00 42.00
S-268	**KELTHANE EC.**	Mites	Roses & others	4 oz.	Pint Gallon 5-Gal. drum	3.00 9.75 47.50
S-269	**KELTHANE 18.5% W.P.**	Same as above		½ lb.	4-lb. Case (12—4-lb.)	4.25 45.60
S-270	**LINDANE 25% W.P.**	Aphids, Thrip, Spittle Bugs, Symphylids	Most	2 oz.	4-lb. ea. 4—4-lbs.	7.25 25.60
S-512	**MALATHION 50% SPRAY**	Red Spider, Leaf Rollers, Mealy Bugs	Most	¼ pt.	Pint Quart Gallon	2.75 4.25 12.00
S-271	**MALATHION 25% W.P.**	Same as above		8 oz.	4-lb. bag Case (12—4-lb. bags)	2.85 28.90
S-273	**NICO-FUME LIQUID**	Red Spider, Aphids, Thrip		½ pt.	1 Gal.	19.25
S-275	**PARATHION 15% W.P.**	Red Spider, Aphids, Thrip, Midge	Most	¼ lb.	4-lb. bag 6—4-lb. bags Case (12—4-lb. bags)	2.50 13.95 24.48
S-379	**PENTAC**	Spotted Mites	Roses	2 oz.	1-lb. can 5-lb. can	13.00 50.00
S-532	**SCALECIDE A Dormant Spray**	Scale, Mites, Red Spider, Aphids	Fruit & Shade Trees, Ornamentals, Evergreens	3 pt.	Gallon Case (6—1 gallons) 5-gallon can	2.75 11.70 8.10
S-531	**PARA-SCALECIDE**	Peach and other Borers	Dogwood, Peach Trees	3½ gal.	Quart Case (6 quarts) Gallon	1.80 7.20 4.00

Choose From Our Complete Selection

Vaughan's Seed Company carries a complete line of Insecticides, Fungicides and other chemicals for the Florist, Nurseryman and Vegetable Grower. Watch your local trade publications for announcements of new chemicals as they are available. Look to Vaughan's for all that's new.

Cat. No.	Item	To Control	Crops	Amt. Per 25 Gallons	Size	Price
S-301	**AGRI-MYCIN 17**	Fire Blight, Bacterial Spot & Blight, Wildfire Blue Mold, Soft Rot & Black Leg, Downy Mildew	Fruit, Nut Trees, Tomatoes, Peppers, Celery, Tobacco, Potatoes, Hops	2 oz.	8 oz. pkg. in plastic bag Case (12—8 oz. bags)	$3.25 32.50
S-303	**CM19**	Botrytis Rot	Gladiolus	½ pt.	Gallon 5-Gal. Drum	14.00 42.00
S-305	**CAPTAN 50W**	Scab, Blotch, Rot, Leaf Spot, Anthracnose, Downy Mildew, Septoria, Black Spot, Botrytis	Fruit Trees, Cucurbites, Tomatoes, Potatoes, Rose, Carrots, Strawberry	½ lb.	2-lb. bag 5-lb. bag 5—5-lb. bags Case (10—5-lb. bags)	2.00 4.25 20.00 37.00
S-309	**ELCIDE 73**	Fusarium, Curvalaria, Stromatinia	Gladiolus	¾ pt.	16-oz. Gallon 5-gal. Drum	4.00 18.65 92.50
S-312	**FERMATE (FERBAM)**	Black Spot, Leaf Scorch, Petal Blight, Septoria, Rust, Botrytis, Leaf Spot, Damping Off	Roses, Azaleas, Camelias, Carnations, Mums, Cyclamen, Geraniums, Snaps, Tulips	½ lb.	3-lb. bag 6—3-lb. bags Case (12—3-lb. bags)	2.10 12.00 21.60
S-314	**GEROX**	Fusarium, Damping Off, Black Rot, Stem Rot	Flowers, Ornamentals, Bulbs	75 grams	150 Grams 450 Grams	8.00 18.50
S-267	**KARATHANE W.D.**	Powdery Mildew, Certain Mites	Fruit Trees, Cane Fruits, Curcurbites	⅛ lb.	3-lb. bags Case (16—3-lb. bags)	5.35 75.00
S-442	**MANZATE (MANEB)**	Black Spot, Early Blight, Leaf Spot, Mildew, Anthracnose, Black Rot	Roses, Tomatoes, Potatoes, other vegetable crops	6 oz.	3-lb. bag	3.25
S-388	**PANO-DRENCH**	Damping Off	Flowers, Ornamentals, Vegetables	½ pt.	1-oz. bottle 4-oz. bottle Pint bottle Gallon	1.95 5.95 19.50 88.00
S-389	**MORTON SOIL DRENCH**	Damping Off, Fusarium, Curvularia	Flowers, Ornamentals, Vegetables	1 oz.	One Gallon	15.95
S-316	**PARZATE C.W.P. 75% (ZINEB)**	Downy Mildew, Rust, Blue Mold, Blights, Fusarium, Septoria, Anthracnose	Most	½ lb.	3-lb. bag Case (16—3-lb. bags)	2.85 31.20
S-306	**ZECTRAN 2E**	Snails, Mites, Aphids, Mealy Bugs, White Fly	Roses and other Ornamentals	½ pt.	½-gal. Case (6—½-gals.)	14.00 56.10
S-307	**ZECTRAN 25W**	Same as above	Same as above	½ lb.	25 lb. drum	63.25
S-278	**DEXON 70% W.P.**	Rootrot, Phytophythone	Poinsettias, Petunias	3 tbsp.	4-lb.	25.20
S-281	**DEXON-TERRACHLOR**	Same as above	Same as above	3 tbsp.	5-lb.	18.75
S-356	**DIBROM 8E**	Aphids, Leaf Hoppers, Leaf Miners, Red Spider	Most	½ pt.	Gallon Case (4—1-gal.)	26.40 99.00

Cat. No.	Item	To Control	Crops	Amt. Per 25 Gallons	Size	Price
S-318	**PHALTAN 50% W.P.**	Black Spot, Septoria, Leaf Spots, Blights	Roses, Mums, Citrus, Potatoes	½ lb.	5-lb. bag Case (10—5-lb. bags)	**$5.75** **51.75**
S-434	**SEMESAN**	Stem Rot, Damping Off	Most	¾ b.	4 oz. 12 oz. 25 lbs.	**2.50** **5.95** **105.00**
S-320	**TERRACLOR 75% W.P.**	Botrytis, Blight Stem Rot, Damping Off	Most	¼ lb.	5-lb. bag Case (10—5-lb. bags)	**4.50** **41.50**
S-322	**ZERLATE (ZIRAM)**	Leaf Spots, Rusts, & Blights	Most	¼ lb.	3 lbs. Caae (12—3-lb. bags)	**2.45** **25.80**
S-224	**BOTRAN 50% W.P.**	Botrytis Grey Mold, Damping Off	Roses, Hydrangeas, Geraniums, Mums	½ lb.	3 lb.	**6.00**

ROOTING COMPOUNDS

S-648 ROOTONE with Fungicide stimulates the natural tendency for roots to form on slips or cuttings. Rooting takes place in a much shorter time, heavier root systems are formed and fewer cuttings die from disease. Newly added fungicide controls damping-off and other soil-borne diseases. Price, ¼-oz. pkt., 35c; display carton of 24, $5.04; 2-oz. jar, enough to treat 3,000 cuttings, $1.25; doz., $9.00; 1-lb. jar will treat up to 30,000 cuttings, $5.00. Three for $12.75, plus postage.

S-647 ROOTONE No. 10. For slow to root evergreen cuttings, 2 oz., each $2.25; 1 lb., each $10.00.

S-649 TRANSPLANTONE. For treatment of transplants of all kinds. It contains the root forming hormones, vitamin B-1 and other members of the vitamin B complex which are important in plant growth. ½-oz. pkt., each, 35c; display carton of 24, $5.04; 3 oz., $1.25; doz., $9.00; 1 lb., $4.00. Three for $10.50, plus postage.

S-643 HORMODIN POWDER. Combination package. No. 1, 2, 3, in one package for $1.20; doz. packages, $8.64.

S-640 No. 1 Powder, 1¾-oz. tin, each, 80c; lb., $4.80; 3 for $10.60; 12 or more ea. $2.88.

S-641 No. 2 Powder, 1¾-oz. tin, each, $1.20; 1 lb., $7.00; 3 for $15.80; 12 or more, each, $4.20.

S-642 No. 3 Powder, 1-oz. tin, each, $1.60; ½ lb., $7.00; 3 for $15.80; 12 or more, each, $4.20.

A S-B-Nine GROWTH RETARDANTS

A solution of B-Nine is sprayed on the leaves of potted chrysanthemums. B-Nine passes into the leaf then moves within the plant to reduce elongation of the stem. Treated plants develop a shorter, more compact habit of growth when compared to untreated.

Add one-half pint B-Nine solution to 2 gallons of water and spray to drip point as late as four to five weeks after the start of short days when side flower buds are removed. The chemical will retard stretching of the stem just below the flower.

Qt. ..... Each $8.00

B **S-311 PHOSPHON LIQUID.** Chemical height-retardant for Forced Easter Lillies and potted mums. Dilute 1 pint in 12 gallons water to treat 180—6 inch pots.

1 pt. ..... Postpaid, $17.95
Case (12—1 pt.) 215.40

C **S-378 PHOSPHON D.** Chemical height retardant for pot mums. Also improves foliage appearance, produces compact plants, strengthens stems.

1-lb. bottle ..... Postpaid, $17.95
Case (12—1-lb. bottles) ..... Postpaid, 215.40

D **S-377 CYCOCEL** growth retardant for Red Poinsettias. Cycocel (formerly refered to as CCC) is a formulation containing 11.8% of (2-chloroethyl) rimethylammonium chloride. Dilute Cycocel by adding 1 quart to 10 gallons of water. Apply the dilute solution as a uniform soil drench. Write for complete information.

1 qt. $12.95
1 gal. 49.75

SOIL FUMIGANTS

S-367 DOWFUME MC-2 LIQUID. A reliable soil sterilizer.

1-lb. can ..... $ 1.15
Case (24—1-lb. cans) 21.84

S-368 JIFFY APPLICATOR 4.50

S-306 VAPAM 4S FOIL FUMIGANT. Proven highly effective in controlling weeds and weed seed. Also controls nematodes, and soil fungi.

Gallon ..... $ 4.75
5-Gallon Drum 21.00

S-965 GRAYS IRIS BORER CONTROL. Recommended by leading Iris Growers. Complete control.

Pint ..... $ 1.70
Case (12 pints) 12.24
Quarts 2.90
Case (12 quarts) 20.88

S-362 V-C13 NEMACIDE. Controls nematodes in greenhouse benches, seed flats, potting soil, etc.

Quart ..... $ 6.00
10-lb. bottle 20.00

S-392 SLUG IT. Liquid Slug Killer. Kills snails and slugs. One gallon treats over 12,000 square ft. Effective for about 2 weeks. Easy to apply. Qts., each $4.00. Gallon, each $12.00.

S-391 SNAROL Meal. For snails and slugs.

	Each		
1 lb.	$0.59	12 for	$4.72
2½ lbs.	1.19	12 for	9.52
6 lbs.	2.30	6 for	9.56
50 lbs.	10.50		

S-390 SNAROL Pellets. Prices and packing, same as above.

WONDER-BREL contains Gibrel. The amazing growth stimulant, which makes plants grow to giant size; produces rapid turf growth; breaks dormancy of seeds, leaf and flower buds; produces dramatic results when applied to plants.

S-540 Professional Concentrates (liquid) No. 4—8 oz. makes 2 gallons. No. 5—1 qt. makes 8 gallons. 8 oz. each $3.00, postpaid, $3.25; 1 qt. each $10.00, postpaid $10.35.

S-670 HERBICIDE. The original weed killer. Destroys grass and weeds on paths, driveways, tennis courts, cobble gutters or any price where weed growth is not wanted. Don't use on lawns, or in garden beds. One gallon will cover app. 2,500 sq. ft. Herbicide is a poison. **F.O.B. Downers Grove, Ill.**

Size	Packed	Wt.	Dealers Cost	Retail
Qt.	12	45 lbs.	**$ 9.20**	$ 1.15
Gal.	4	60 lbs.	**8.00**	3.00
5 Gal.	1	66 lbs.	**8.35**	12.50
30 Gal.	1	405 lbs.	**30.00**	45.00

S-666 FOLI-GARD

sure does hold moisture . . .

As an antidesiccant, FOLI-GARD offers sure-fire protection against plant dehydration. And when sprayed on leaves and stems, this new foliar antidesiccant prevents plants from wilting or dropping their leaves.

Unlike competitive products, FOLI-GARD is known for its lasting freeze-thaw stability. Here's a new antidesiccant that can be shipped or stored in the coldest weather . . . and though it may freeze, it will never spoil.

Give it a try. FOLI-GARD costs less than half as much as competitive products, yet goes twice as far. It's your best bet for year round use.

With a dilution ratio of 5 to 1, FOLI-GARD offers plant coverage that goes a long, long way. Write for complete information. F.O.B. Downers Grove, Ill.

1 gal. drum ..... $ 3.75
5 gal. drum 17.50

S-665 WILT-PRUF. The amazing new liquid plastic spray for retarding water loss and wilting in plants. For complete protection of your evergreens, fruit trees and flowering shrubs all year 'round. Prevents injuries caused by windburn, sunburn, sun-scorch and salt spray.

Size	Packed	Wt.	Dealer Cost	Ea.	Retail
8 oz.	12	10 lbs.	**$10.68**	**.98**	$1.49
Pts.	12	16 lbs.	**14.18**	**1.31**	1.98
Qts.	12	33 lbs.	**25.20**	**2.31**	3.50
Gallons	4	43 lbs.	**27.92**	**7.68**	10.75
5 Gal.	1	55 lbs.	**31.50**	**31.50**	45.00

S-425 DUPONT GRASSELLI SPREADER STICKER.

Pints $1.20
Gallon 7.95

Note: All chemicals are F.O.B. Chicago and are shipped via Parcel Post, (if possible) or via United Parcel, Truck or Railway Express. We endeavor to ship via the cheapest method. Include Shipping Charges on all orders.

PROTECTIVE EQUIPMENT

(C) **S-384A** Willson Greenhouse Mask—Style WIG-G3FD in cardboard carton ..... Each **$34.25**

(A) **S-384B** Willson greenhouse Mask in Fibre Carrying Case ..... Each **$37.25**

(D) **S-386** G3FD Replacement Canister ... Each **$4.85**

S-385 ***Caution:** The No. H-3FC canister is required on your mask when using G-64 10% Phosdrin. This canister is also satisfactory for other Lethalaire Bombs ..... Each **$6.53**

(B) S380 LETHALAIRE AEROSOL BOMBS

Prepaid in lots of 12 or more bombs direct from factory. Add 50c net per cylinder for shipments to all points west of the Rockies.

Less 10% on orders of 6 or more bombs.

No.	Type	Each	Net Wt. Lbs.	Deposit
G-52	5% TEPP	$8.00	4	$3.75
G-54	10% Parathion	9.50	4	3.75
G-57	5% Dithiono	9.50	4	3.75
G-60	10% Aramite	12.50	4	3.75
G-61	2% Lindane & 10% Aramite	13.00	4	3.75
G-62	15% Malathion	10.25	4	3.75
*G-64	10% Phosdrin	13.25	4	3.75
G-66	10% Chlorobenzilate 80	10.75	4	3.75
G-67	10% Thiodan	10.25	4	3.75
G-68	10% Vapona® (DDVP)	14.50	4	3.75

NOTE: The deposits on the bombs are refunded when they are returned to us prepaid. Empties may be returned in quantities of 12 by rail freight collect, direct to factory in Virginia or prepaid to us in smaller quantities.

(E) LETHALAIRE APPLICATORS

Special applicators must be used with these Aerosol Bombs. Applicator has universal coupling to fit any bomb.

S-381A	**No. 20**	24 inch applicator	$7.00 each
S-381B	**No. 30**	36 inch applicator	7.25 each
S-381C	**No. 40**	48 inch applicator	7.50 each
S-381D		Resistoflex Hose (with connections)	2.65 each
S-381E		5 Gallon Nozzle 80°	1.55 each

S-347 BLACK LEAF NICO-FUME PRESSURE FUMIGATORS. Punch type cans.

15,000 cu. ft. size, carton of 12 ½ lb cans ... $10.50

30,000 cu. ft. size, carton of 12 1 lb. cans ... $16.92

S-346 PLANT PRODUCTS NICO-TEEN SMOKE PRESSURE FUMIGATORS. For efficient control of aphids (green and black fly), most thrips, mum and rose midge on ornamental plants in greenhouses.

10,000 cu. ft. fumigator, per carton of 12 .... $ 8.75

20,000 cu. ft. fumigator, per carton of 12 .... $13.75

S-342 PLANT PRODUCTS. TEDION—DITHIO Pressure Fumigators. Unlike other smoke fumigants, this is packaged in sealed metal containers and evolves the insecticidal smoke under pressure in the same fashion as old time-tested nicotine pressure fumigators. Contains 15% Tedion and 12.5% Dithio. Controls Resistant Red Spider Mites, Aphids, White Fly, Mealy Bugs, Thrips and Soft Brown Scale.

10,000 cu. ft. per carton of 12 for $15.00

20,000 cu. ft. per carton of 12 for $26.00

S-344 PLANTFUME NO. 103 SMOKE GENERATORS. CONTROLS: Two-spotted spider mites, Aphids, and some species of Mealy Bugs, and Thrips on ornamental plants. Active ingredient 15% Tetraethyl Dithiopyrophosphate. (Dithiono).

5,000 cu. ft., 11 lbs., per carton of 36 ... $12.00

20,000 cu. ft., 8 lbs., per carton of 12 ..... $12.00

S-349 PLANT PRODUCTS 15% TEDION. For control of resistant spider mites.

10,000 cu. ft., 7 lb. carton of 12 for $12.00

20,000 cu. ft., 13 lb. carton of 12 for $18.00

S-330 FULEX APHID SMOKE. New Fulex greenhouse smoke fumigator for Aphids, Adult White Flies and Adult Leaf Tyers. Contains Lindane.

2,000 cu. ft. unit size, 9 lbs., carton of 24 for $12.00

5,000 cu. ft. unit size, 9 lbs., carton of 24 for $14.50

10,000 cu. ft. unit size, 9 lbs., carton of 24 for $17.00

20,000 cu. ft. unit size, 16 lbs., carton of 12 for $13.00

S-331 FULEX THIODAN FUMIGATORS. The new control for resistant White Flies.

5,000 cu. ft., per carton of 12 ..... $ 8.50

10,000 cu. ft., per carton of 12 ..... $11.50

20,000 cu. ft., per carton of 12 ..... $16.00

S-332 FULEX NICOTINE FUMIGATORS. For use on Greenhouse Ornamentals only. Gives efficient results on greenhouse aphids and whiteflies. Contains 14% Nicotine (Alkaloid).

10,000 cu. ft. unit size, 9 lbs., carton of 12 for $ 8.50

20,000 cu. ft. unit size, 15 lbs., carton of 12 for 14.00

S-333 FULEX PARATHION FUMIGATORS. For most greenhouse ornamentals including carnations, chrysanthemums, geraniums, snapdragons, African violets and many other tolerant varieties **even in bloom!**

2,000 cu. ft., 10 lbs., per carton of 24 ..... $12.00

5,000 cu. ft., 10 lbs., per carton of 24 ..... $14.50

10,000 cu. ft., 18 lbs., per carton of 24 ..... $17.00

20,000 cu. ft., 30 lbs., per carton of 12 ..... $14.00

S-335 FULEX TEDION FUMIGATORS. The new RED SPIDER control for RESISTANT strains. Excellent for "Mums", Snaps, Carnations and Roses. (Don't know if White Butterfly will drop leaves, so be careful on these.) Also has been used on tomatoes and over 100 other varieties safely! Use the NEW SMOKE for "tough-to-kill" RED SPIDERS. It's NON-POISONOUS —MILD—and has excellent plant tolerance. For example, "mums" in full bloom.

5,000 cu. ft., 5 lbs., per carton of 12 ..... $ 9.50

10,000 cu. ft., 18 lbs., per carton of 12 ..... $12.00

20,000 cu. ft., 15 lbs., per carton of 12 ..... $21.00

Minimum order for supplies is $5.00. To continue the fine service and completeness of stock, we ask your cooperation in making your order for supplies a minimum of $5.00

LETHALAIRE FUMIGATORS

S-382A F80 PARATHION 10%

10,000 cu. ft. 8 lbs. carton of 12 for ..... $ 9.25

20,000 cu. ft. 14 lbs. carton of 12 for $12.90

S-382B F81 TEDION 15%

10,000 cu. ft. 8 lb. carton of 12 for $13.65

20,000 cu. ft. 14 lb. carton of 12 for $21.90

S-382C F82 THIODAN 15%

10,000 cu. ft., 8 lb. carton of 12 for $12.60

20,000 cu. ft., 14 lb. carton of 12 for $18.90

S-355 CYANOGAS FOOT PUMP. (above) For pumping Cyanogas A-Dust into insect nests, rat burrows, mole run-ways, and for other burrowing pests. Will last indefinitely if not abused. Made for heavy duty. Weight, 8 lbs. Price each, $13.75. FOB Chicago.

S-352 CYANOGAS "A" GRADE. For moles, rats, gophers, and other ground rodents. 1 lb., doz., $10.80; 5 lbs., each, $4.75; 25 lbs., $15.10; 100 lbs., $27.25; 4-oz. tins for ants, doz., $4.68. Via express, collect only.

S-354 CYANOGAS CALCIUM CYANIDE "G". Greenhouse fumigant to control aphids, white fly thrips, soft scale, mealy bugs and rodents.

5-lb. can ..... $ 4.75

25 lbs. 15.10

100 lbs. 45.40

Shipped via express collect only.

S-277 SODIUM SELENATE PURE. Use 100 Grams of Sodium Selenate in one gallon of water to make stock solution. Use one quart of stock solution to 100 sq. ft. of bench area. This material cannot be used on vegetable crops.

4 oz. ..... $ 4.00

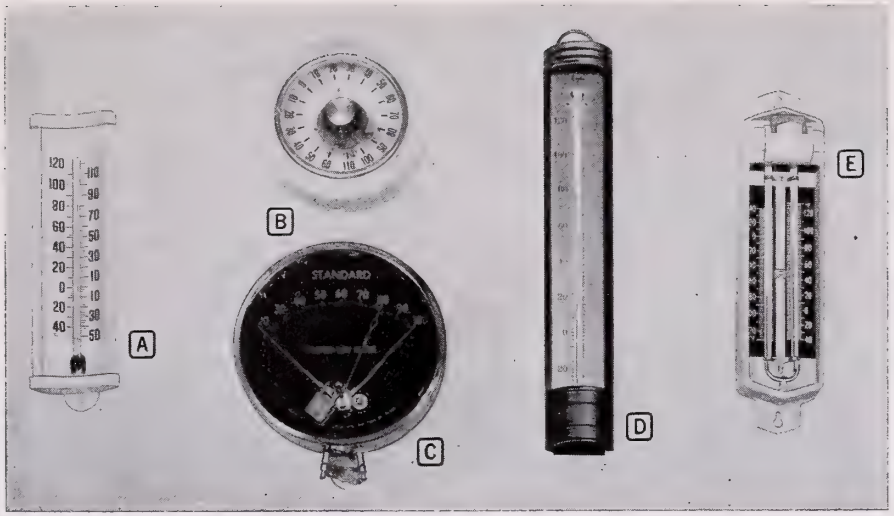
1 lb 12.50

S-278 SODIUM SELENATE. P-40 is Two Percent Sodium Selenate and ninety-eight per cent carrier (super-phosphatein the present material). It is a dilute material. Three pounds treats 100 square feet of bench area.

25 lbs. $12.50

50 lbs. 22.50

100 lbs. 40.00



GRO-QUICK ELECTRIC SEED BED HEATER. Soil heating cable with built-in 70 deg. fix temp. soil thermostat. A convenient method of heating hotbeds and cold frames for early seed starting. Full instructions included. With care will last for years. All cables are 115 volts.

Cat. No.	Model No.	
S-156A	P34T—114 watts—34 feet long. For hotbed 36"x42"	**$4.00**
S-156B	J49T—160 watts—49 feet long. For single sash hotbed 3 x 6 ft.	**5.50**
S-156C	A6—15 watts—**6 ft. cable only.** For ordinary flat of 1½ sq. ft. (12" x 18")	**1.50**
S-156D	S98T——330 watt—98 ft. long. Suitable for a double sash bed. For larger beds order additional cables	**8.00**

For faster service, please send your order to warehouse nearest to you: Downers Grove, Ill. or Bound Brook, N.J.

GENERAL ELECTRIC SOIL HEATING (J) SETS, CABLES AND CONTROLS

A General Electric heating cable set, buried in the soil, keeps the soil at the ideal temperature for germination and the early growth stages. Resulting plants can be set out far earlier, and are more quickly ready for market.

In greenhouses, G-E heating cable sets are often used for supplementary heating. By maintaining the soil temperature 15 to 20°F. above the air temperature in the greenhouse, they provide ideal growing conditions with reduced load on the general heating system.

S-158 LEAD SHEATHED CABLES.

One 30 ft. lead cable (110 volt, 180 watt) heats 18 sq. ft. of bench area.

One 60 ft. lead cable (110 volt, 400 watt) heats 36 sq. ft. of bench area.

One 120 ft. lead cable (220 volt, 800 watt) heats 72 sq. ft. of bench area.

Set. No. 1 with HSC-4 thermostat and 30 ft. cable. Thermostat is rated 15 amp. for 110 volt AC only. Price each $13.50.

Set No. 2 with HSC-4 thermostat and 60 ft. cable. Price each $18.75.

Set No. 3 with HSC-5 thermostat and 60 ft. lead cable. Thermostat is rated 25 amp. up to 230 volt AC only. Price each $25.00.

Set No. 4 with HSC-5 thermostat and 120 ft. lead cable. Price each $39.25.

Sets No. 1 and 2 will control one or two 60 ft. cables or up to six 30 ft. cables. Sets No. 3 and 4 will control up to four 60 ft. or 120 ft. cables.

Extra 30 ft. lead cable, each $7.25.

Extra 60 ft. lead cable, each $12.50.

Extra 120 ft. lead cable, each $26.75.

THERMOSTATS ONLY

Thermostat controls are used with heating cable to maintain desired temperature and to minimize power consumption. They should not be used for roof or driveway de-icing.

Model HSC4 . . . . . Each **$6.25**
Model HSC5 . . . . . Each **11.75**

NOTE: Bottom heat from heat cables have proven effective in adding seed germination. Try them this season.

(A) **S-101 TAYLOR UTILITY THERMOMETER.** Model 5132. Easy reading 8½" x 2" white enameled scale with baked in numerals and graduation. Red liquid filled tube, magnifying lens. Each $1.75; 6 for $9.90. 12 or more each $1.50 or $18.00 doz.

(B) **S-104 TAYLOR DIAL MAXIMUM AND MINIMUM THERMOMETER.** Model No. 5321. Set in waterproof plastic csse 4¾ in. x 1 in. Will register lowest, highest and present temperatures. Can easily be reset. Each $8.50; 3 for $24.00.

(C) **S-110 STANDARD TEMPERATURE ALARM.** The six-inch, easy-to-read dial is finished with bright green numbers against a black background. Scale 20°—100° F. The temperature-indicating hand and the control hands, showing the maximum and minimum limits are finished in a bright orange. These control hands are easily adjusted by the setting knob, and this knob may then be locked, preventing tampering or changing warning limits. Price does not include batteries, bell or wire. Each, $22.50 Postpaid.

(D) **S-109 TAYLOR TIN CASE.** Model 5400S Standard grade (tested). 12 inches. Guaranteed accurate tin case thermometers, black oxidized metal scale, heavy magnified easy reading tube. Each $4.50; 3 for $12.00; 12 or more each $3.75.

(E) **S-106 TAYLOR MAXIMUM AND MINIMUM** Self Registering Therm. Floating steel discs tell the lowest and highest temperatures during absence. Reset with a magnet. Shipped via express only. No. 5458 with magnet. 10 in. Each $13.00; 3 or more each $12.50.

No order will be charged to open account for an amount less than $5.00. Please send cash with orders for less than $5.00.

Prices in this catalog are subject to change without notice.

(G) **S-634 THE SUDBURY ESTATE MODEL F HORTICULTURAL SOIL TEST KIT.** Decorator design showing flowers and vegetables in natural colors gives sales appeal to this new Kit. Makes approximately 100 tests. Handsome, streamlined, steel container with carrying handle. Helpful charts showing needs of lawn grasses, flowers, shrubs, vegetables and farm crops. The Kit makes instantly available the essential information you require for gardening success. With it you can make quick practical tests which will show the acidity of your soil and any possible deficiency in nitrogen, phosphorus and potash. As a result you can avoid failure by prompt adjustment of your soil to the requirements of your plants and grasses. Each **$16.95.**

TEST YOUR SOIL IT PAYS

(H) **S-633 THE SUDBURY MODEL A DELUXE PROFESSIONAL MODEL SOIL TEST KIT.** Our Finest Equipment. Widely used by greenhouses, nurseries, government departments, and thousands of enthusiastic amateur gardeners. Makes approximately 200 individual tests for nitrogen, phosphorus, potash and acidity. Cased in handsome steel. Price complete with instructions **$27.50** via express collect.

REFILLS FOR SOIL TEST KITS S-638A LIME—For acidity. When ordering, it requires **S-638B** for No. 2 and **S-638C** for No. 3 to make Nitrogen Tests. **S-638D** for No. 4 and **S-638E** for No. 5 for Phosphorus Tests and **S-638F** for No. 6 and **S-638G** for No. 7 to make Potash Tests, therefore when ordering, please order two numbers. 2 oz. bottle, each $1.35; postpaid $1.50; 6 for $5.40; 6 oz. bottle, each $2.50; postpaid $2.70; 6 for $12.50. Plus Postage.

WATERING EQUIPMENT

Proper equipment is necessary to grow good crops. Choose from our complete line of hose and accessories.

(A) **S-715 CENTRO SPRAY SPRINKLER** complete with two nozzles fine and coarse. 8 oz. capacity.

		Postpaid
Each	$1.20	$1.45
12 for	$12.60	$13.25

(B) **S-705A MODEL V-58 SHUT-OFF VALVE ¾" PIPE TO HOSE.** Shut off to full flow in ¼ turn. Machined from solid bar brass. For Greenhouses, Garages, etc.

		Postpaid
Each	$1.50	$ 1.65
12 for	$16.20	$17.00

S-705B MODEL SO-75 SHUT OFF. ¾INCH HOSE TO HOSE.

		Postpaid
Each	$2.00	$ 2.15
12 for	$21.60	$22.40

(C) **S-708C FLAT SPRAY SPRINKLER.** Is preferred by growers and home owners; capacity seven gals. per minute.

		Postpaid
Each	$1.50	$1.65
3 for	$3.75	$4.00

(D) **S-722A NO. 400 WATER BREAKER.** This breaker is the answer to the florist's problem for an all-purpose watering gadget. It will do most any watering job. This breaker has 400 ½ inch holes in it. The four hundred tiny streams of water are concentrated in a small area, consequently speeding your watering job. ¾-inch connection.

		Postpaid
Each	$1.45	$1.60
3 for	$4.20	$4.50

S-722B NO. 170 WATER BREAKER. Made like the Dramm 400 Water Breaker except it is small and has only 170 holes. Ideal for pot plants and small seedlings.

		Postpaid
Each	$1.35	$1.50
3 for	$3.90	$4.20

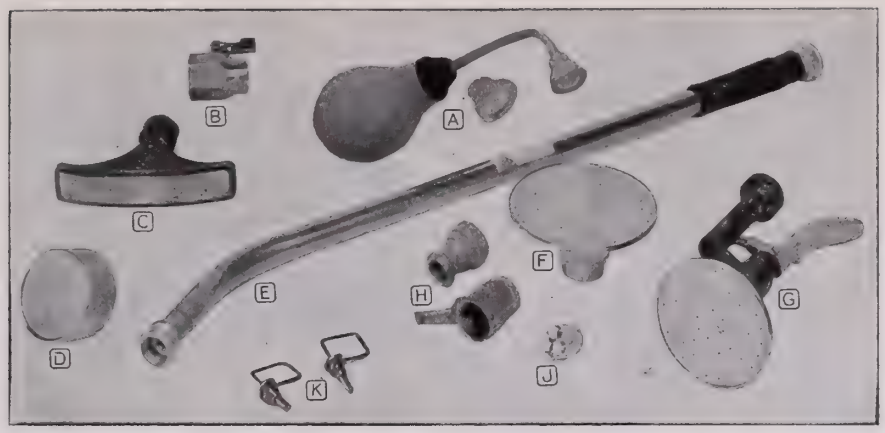
(E) **S-723 24 INCH ALUMINUM EXTENSION HANDLES FOR NO. 400 WATER BREAKER.** Model 124G with plastic grip.

		Postpaid
Each	$1.90	$2.15
3 for	$4.75	$5.15

(F) **S-738 HOTHOUSE STAMPED BRASS SPRINKLER.** All brass, distributes water evenly; ¾ inch connection.

3-in. Face:		Postpaid
Each	$1.10	$ 1.25
10 for	$8.75	$ 9.25
4-in. Face:		**Postpaid**
Each	$1.40	$ 1.55
10 for	$12.60	$13.10

(G) **S-720 SMITH AQUAMATIC SHUT-OFF.** ¾ in. hose connection, as shown above. Figure 74 and 70, for $4.95; postpaid $5.45.



(H) **S-792 IMPROVED EVER-TIGHT HOSE COUPLING.** No more waste of time, just press the lever, instant tight connection. A great time saver, a coupling that every greenhouse should be equipped with.

Complete, Doz	$9.75
Each $1.00.	
Faucet End, Doz	$4.80
Each $ .45.	
Hose End, Doz	$5.80
Each $ .55.	

(J) **S-723 FOGG-IT NOZZLE.** Garden fog nozzle breaks water into a fine mist of a fog-like spray for watering seed beds, new plantings, newly-seeded lawns, young plants, and all tender plants. Works efficiently with high or low water pressures on any standard garden hose. Will not wash away seeds, soil, or fertilizer. Has ¾" connection. Available in 1 gallon per minute (Superfine) 2½ gallon (low volume); 5 gallon (high volume); Specify model.

	Postpaid
ea. $2.50	$2.60
3 for $7.00	$7.25

(K) **MISTER 100 NOZZLES.** Here is the finest mist propagation nozzle ever developed. Wide coverage. Flat plane of mist. Also has many other applications. Nozzle has 5/16/24 thread. Space 3-ft. apart in drilled and tapped holes in ¾ or 1" pipe. Made of solid Brass.

Less than 100	Ea. $1.00
100 to 249	Ea. .75
250 to 499	Ea. .70
500 up	Ea. .65
24 hr. timer	Ea. $34.95

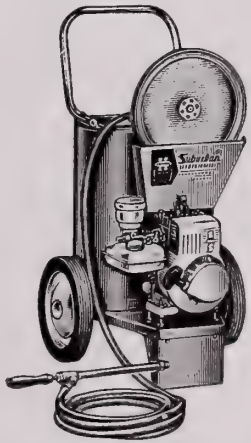
Size of Pipe	Solenoid Valves	Line Strainers
½"	$25.00	$ 8.00
¾"	30.00	10.00
1"	——	14.00
1¼"	35.00	18.00

GREENHOUSE HOSE

S-765 VAUGHAN'S RUBBER LIGHTWEIGHT GREENHOUSE HOSE—¾" inside diameter with 2 braids of tough rayon reinforcement—An ideal flexible hose that coils and drags easily—Has a tough abrasion resistant red smooth cover, and will withstand pressures up to 150 P.S.I.—Can be furnished in any length with heavy cast brass couplings attached. Per foot 33c, couplings per pair $1.00

S-1812 F&P RED PLASTIC HOSE. ¾" inside diam. This hose is very flexible. Will not get stiff when the weather gets cold. Easy to handle. Can be furnished in any length.

Per foot	$0.31
Full flow couplings per pair	$2.00



S-1242B HUDSON SUBURBAN POWER SPRAYER. Model 1225. Tank capacity 12½ gallons. Made of heavy gauge galv. steel; welded seams. Complete with 20 ft. of ⅜" Kem Oil "250" Spray Proof hose. With adjustable Power Spray Gun, width overall 21 inches. 2 h.p. 4 cycle air cooled engine. Recoil starter. 150 lbs. pressure. Each $113.00. Weight 90 lbs.

S-1242A Model 1225E ½ h.p. electric motor and 50 ft. of rubber - covered cord. 100 lbs. pressure. Weight 96 lbs. Each $126.00.

NOTICE TO VAUGHAN'S CUSTOMERS

In order to operate efficiently and thereby keep prices low, no order will be charged to open account for an amount less than $5.00. Please send cash with orders for less than $5.00. Minimum billing is $5.00.

Prices in this catalog are subject to change without notice.

CHAPIN WATERMATIC VALVE and LINE STRAINER

SET IT—

FORGET IT!

Capacity 1600 Pots

Choose from the following systems.

- **Add-a-Header**
- **Water-Wand**
- **Custom Length**

Each system is engineered to each growers condition. Write for engineering form and let us send you a quotation for your individual requirements.

S-1805 BLACK SHADING CLOTH MODEL 575. For shading early chrysanthemums during the normal summer growing season in greenhouses, cloth houses or outside, as it will bring your blooms in on schedule. Ideal for outdoor shading as it will allow the rain to penetrate and not lie in pools on top. Guaranteed fast black, closely woven, treated and pre-shrunk to produce 99% darkness. Comes in 36 inch widths. Can be sewed to any width in multiples of 36 inch width.

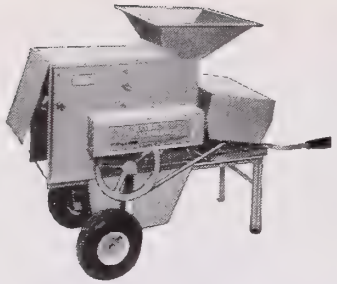
Prices per sq. yd.	Unsewed	Sewed
100 sq. yds. or more	$0.56½	$0.58½
50-99 sq. yds.	.60	.62
20-49 sq. yds.	.64	.66
Less than 20 sq. yds., Minimum charge	15.00	15.00

$2.00 up charge on unsewed goods for less than 300 sq. yds. or on sewed goods for less than 100 sq. yds.

S-1804 BLACK SHADING CLOTH MODEL 258. A heavier cloth designed for indoor shading on a year-round program as it cuts out 100% of all light. Recommended especially by universities and experimental stations for off-season growing where total exclusion of light is essential. Otherwise same as American Black Sheen.

Prices per sq. yd.	Unsewed	Sewed
100 sq. yds. or more	$0.63	$0.65
59-99 sq. yds.	.64	.69
20-49 sq. yds.	.68	.72
Less than 20 sq. yds., Minimum charge	16.50	16.50

$2.00 up charge on unsewed orders for less than 300 sq. yds. or on sewed goods for less than 100 sq. yds.



LINDIG SOIL SHREDDERS

Semi-pneumatic rubber-tired wheels are now standard equipment on all models.

FOB St. Paul, Minn.

S-1822 MODEL JR-B. Feeding Hopper size 15x15 in., with 15 shredding blades, and 4 stationary blades. Price without motor, $120.00, with ½ h.p. electric motor, $170.00, with 2 h.p. Gas engine with clutch $170.00.

S-1824 MODEL 1B-4. Feeder hopper size 16x18 in., shredding rotor assembly 8½ in. wide, with 4 shredding blades on each bar, with 3 stationary blades. Price without motor, $167.50; with ¾ H.P. electric motor, $247.50, with 3½ H.P. Gas Engine, 4 cycle heavy duty complete with clutch, $235.00.

S-1825 MODEL 1B-6. Same as model 1B-4, except that it has 6 shredding blades on each bar, with 5 stationary blades. Price without motor, $177.50; with ¾ H.P. electric motor, $257.50; with 3½ H.P. Gas Engine 4 cycle, heavy duty complete with clutch $245.00.

S-1826 MODEL 2B-6. Feeder hopper size 18x20 in., shredding rotor assembly 10½ in. wide, has 6 shredding blades on each bar, with 5 stationary blades. Price without motor, $192.50; with ¾ H.P. electric motor, $272.50; with 1 H.P. electric motor, $292.50; with 3½ H.P. Gas Engine 4 cycle heavy duty, complete with clutch $260.00. With 1½ HP 3 phase elec. motor, ea. $327.50.

S-1827 MODEL 2B-8, same as model 2B-6, except that it has 8 shredding blades on each bar, with 7 stationary blades. Price without motor, $202.50; with 1 H.P. electric motor, $302.50; with 3½ H.P. Gas Engine and clutch, $270.00; with 1½ H.P. electric motor, 3 phase, each $337.50.

S-1828 Screening Attachments:

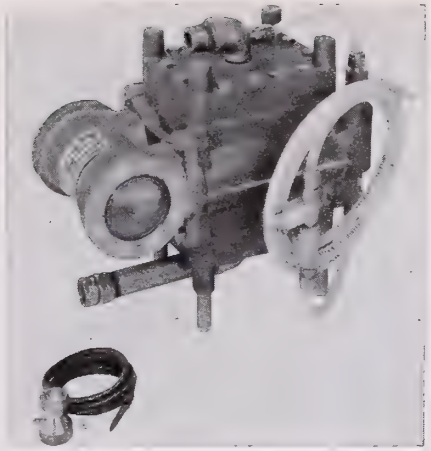
Type B Screener for Model 1B-4 and 1B-6 ..... $62.00
Type B Screener for Models 2B-6 and 2B-8 ..... 72.00

KEMP SOIL AND COMPOST SHREDDERS

F.O.B. ERIE PENNA.

Write for brochure with a complete description of models and prices.

The KEMP principle of shredding (not grinding) was developed specifically for professional growers. Soil comes out ready to use at just the right texture and thoroughly aerated. KEMP dependability is well established. Designed and engineered for long life. Used by florists, nurserymen, parks, professional growers, cemeteries, etc.



Ⓐ FERTILIZER-WATER MIXER FOR GREENHOUSE

SMITH MEASURE-MIX. A precision built water motor connected to injector pump powered by flow of water which accurately dispenses liquid fertilizer or other chemicals into water passing through and operating the machine. Tested by many large operators and proved to be efficient. Water intake is beneath, discharge on top. No oil, greasing or adjusting required. Needs no outside connections. Circular describing operation free on request.

S-1834 R3 machine, has ¾-inch pipe connections fitted with ¾-inch hose thread adaptors, mix 1 part fertilizer to 100 parts water. F.O.B. Pasadena, Cal.

Prices and Options for Model R-3

Option	Description	Price
A	Std. stainless steel Circle-seal check valve	**$340.00**
B	Stainless steel rubber check valves	**350.00**
C	Stainless steel Double-ball check valves	**360.00**

Ⓑ HOZON FERTILIZER APPLICATOR

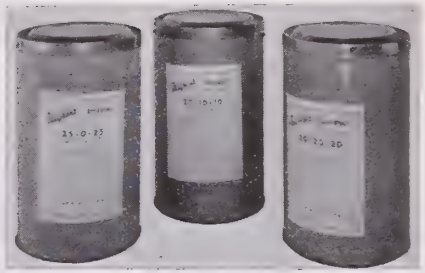
S-797 Fertilize through your hose. Mixes the right amount of ammonium sulphate, nitrate of soda, potash or any soluble fertilizer with the water. One end screws into the faucet, the other end takes the hose, the small tube drops into the bucket of fertilizer. Each $1.65; postpaid, $1.80. 6 for $9.00; postpaid, $9.35.

S-142C RA-PID-GRO. The foliage Plant Food. Analysis 23-21-17 with Minor Elements, Vitamins and Growth Hormones. Good for all crops.

10 lbs. ..... Each $5.90
25 lbs. ..... Each 13.50
50 lbs. ..... Each 25.20

S-970 IRON CHELATE SEQUESTRENE 330 FE. Contains 10.5% iron as metallic. For use on alkaline or slightly acid soils. May be applied as soil treatment or as foliage spray. 1 lb. for $2.50; 5 lb. pkg. for $7.20.

FERTILIZERS FOR FLORISTS



VAUGHAN'S INSTANT GLAMOUR SUPER SOLUBLE PLANT FOODS

NEW! Now Vaughan's own brand of completely soluble plant foods tailored for the needs of specific crops.

Manufactured from only the highest grade ingredients carefully blended to include all accepted secondary and trace elements. Completely chelated.

They are compatible with all insecticides and fungicides and are non-corrosive to equipment and lines employed in application. Adequately colored. 50 lb. drums only.

ANALYSIS	Prices per Pound 50 to 100 Lbs.	100 to 999 Lbs.	1000 to 1999 Lbs.
20-20-20	$0.30	$0.26	$0.25
15-30-15	.30	.26	.25
25-0-25	.28	.24	.23
25-10-10	.30	.26	.25

300 lbs. or more shipped freight prepaid to any point in the U.S. (Hawaii and Alaska excepted). Orders less than 300 lbs. shipped freight charges collect.

PETERS SPECIAL SOLUBLE FERTILIZER with M77 chelating Formula, assures availability to the plants of all elements primary, minor and trace. At normal rates the solution is crystal clear and 100% soluble.

	25 to 75 Lbs.	100 to 975 Lbs.	1000 to 1975 Lbs.
15-15-15, 16-4-12, 21-7-7, 20-5-30, 25-10-10	.28 Lb.	.24 Lb.	.23 Lb.
9-45-15, 10-30-20, 15-10-30, 15-30-15, 20-20-20, 24-12-18, 25-5-20, 25-10-15, 30-10-10	.30 Lb.	.26 Lb.	.25 Lb.

Freight prepaid in the continental United States on all orders of 300 lbs. or more. West of the Mississippi add .03 per lb. Orders less than 300 lbs. shipped freight charges collect.

Packed in 25 lb. bags only—shipped from Allentown, Pa. Can not be combined with other goods shipped from Chicago area warehouse.

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15-30-15	$0.27	$0.23	$0.22
20-20-20	.27	.23	.22
24-12-12	.31	.27	.26
25-0-25	.23	.19	.18
12-24-24	.25	.21	.20
AZALEA 50 30-10-10	.31	.27	.26

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5 lbs.	12	65 lbs.	**$6.95**	$.95
10 lbs.	6	62 lbs.	**6.15**	1.65
25 lbs.	12	312 lbs.	**23.90**	3.25

Prices, other information at right apply to both Evergreen and Rose Food.

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Explanation of Table Below: Numbers Prefixed with **B,** Represent Bulbs; **P,** Plants; **R,** Roots. **S,** Seeds.

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MAKE YOUR OWN SELECTION . . . 24 BOXES PER CASE

PRICE 50c PER BOX . . . SUGGESTED RETAIL $1.00

Bulbs Per Box		
12	**GLADIOLUS** BRIDAL ORCHID	PURPLE
12	ELIZABETH THE QUEEN	LAVENDER
12	FRIENDSHIP	MEDIUM PINK
12	HOPMANS GLORY	YELLOW
12	LORELEI	CREAM
12	MOTHER FISHER	WHITE
12	SANS SOUCI	RED
12	SPIC & SPAN	DEEP PINK
12	SUMMER QUEEN	SALMON PINK
12	WILD ROSE	ROSE
15	RAINBOW MIXED.	
2	**ISMENE** CALATHINA (Peruvian Daffodil)	
2	**CALADIUMS** FANCY LEAF	
5	**TUBEROSES** (Double Pearl)	

Bulbs Per Box		
3	**BEGONIAS**	RED
3	PINK	
3	WHITE	
3	YELLOW	
3	MIXED	
2	**DAHLIAS**	RED
2	PINK	
2	WHITE	
2	YELLOW	
2	MIXED	
2	**LILIUM**	REGALE
2	RUBRUM	
2	**AMARYLLIS**	
	MIXED	

Vaughan's Master Select Lilies Case Packs

BEAUTIFYING AMERICA · SINCE 1876

More Easter Lilies are Grown from Vaughan's Bulbs than from any Others

ALL WEST COAST GROWN

ACE PACKS		CROFT PACKS		KING PACKS	
6½/7	(300)			6½/7	(300)
7/8	(250)	7/8	(250)	7/8	(250)
8/9	(175)	8/9	(200)	8/9	(200)
9/10	(150)	9/10	(150)	9/10	(150)
10/Up	(100)	10/Up	(100)	10/Up	(100)

MARKET PRICE

DISCOUNTS:

1 to 9 cases	**2%**	**30 days, net beyond**
10 to 24 cases	**5%**	**30 days, net beyond**
25 cases and up	**10%**	**30 days, net beyond**

● **CONTINUOUS EFFORTS TO PRODUCE THE BEST BULBS.** As a result of many years of continuous clonal and mother-block selecting and growing procedures followed by Vaughan's, "Master Select" Lilies are years ahead of others offered. They are known for more vigor, more flowers and more uniformity.

● **CAREFUL CHOICE OF BULB PRODUCERS.** Vaughan's producers have outstanding ability. They follow the expensive "Master Select" clone and mother-block program.

● **NEVER-ENDING RESEARCH PROGRAM.** Vaughan's pioneered research that evolved into most of the accepted forcing practices in use today. Vaughan-financed research goes on continuously at many universities and in independent greenhouse trials.

And here's proof that Vaughan's "Master Select" bulbs are favored by America's Easter Lily growers:
Sales of "Master Select" bulbs have increased over 300% in just a few years. Profit-minded growers know quality pays!

FACTS ABOUT VAUGHAN'S LILY VARIETIES . . .

ACE: A Vaughan introduction and today's top variety. Vaughan's "Master Select" Ace is free-blooming with dark green, compact foliage and selected high disease-resistance. Forces in 120 to 122 days at 60 degrees.

CROFT: The original West Coast Lily with large blooms. Still a favorite of growers able to provide proper culture. 110 to 115 days forcing time at 60 degrees.

KING: A West Coast grown free-blooming Vaughan's exclusive. This Master Selection Georgia-type lily is noted for vigor and disease-resistance. Usually somewhat taller than Croft or Ace. Forces in about 100 to 115 days at 60 degrees. Also a fine garden lily. The most reliable producer, even under difficult conditions.

NELLIE WHITE: A variety introduced by Vaughan's almost ten years ago, again gaining some popularity. 110 to 115 days forcing at 60 degrees. Somewhat shorter foliage and smaller flowers than Croft with about the same bud count. Height is variable. Packed same as Ace lilies.

#44: A new lily under the Vaughan's "Master Select" program. Under limited production until it has been thoroughly proven under all commercial conditions. Forcing time about 115 days. Height and bud count like Croft. Worth a try by all growers. #44 produces a very sturdy plant with flowers of good lasting quality. Packed same as Croft lilies.

"Master Select" quality. Fast, efficient handling speeds bulbs to Vaughan's many F.O.B. points. You get faster delivery and save on shipping charges because F.O.B. points are nearer to you.

★ For your convenience, Vaughan's ship bulbs F.O.B. to each of these cities.